

<211> 20
<212> DNA
<213> Homo sapiens

<400> 1248
gaagcagatg tgaacagagg

20

<210> 1249
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1249
cgctaccagc agactctg

18

<210> 1250
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1250
gcctgctggg gcacatag

18

<210> 1251
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1251
ttctccctga cactcccag

19

<210> 1252
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1252
gggagtgtca gggagaaac

19

<210> 1253
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1253
ggtttatgga gtcccctgt

19

<210> 1254
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1254
gggcagaatc agagacacg 19

<210> 1255
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1255
ttcccagcag gctctctg 18

<210> 1256
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1256
cttaggggaa aggaggac 19

<210> 1257
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1257
cacaagtgt ccagccac 18

<210> 1258
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1258
cgcatctcca ggactctc 18

<210> 1259
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1259
aatgacacgc ctaaggcac 20

<210> 1260
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1260
gtctaactgg ctcaaactag c 21

<210> 1261
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1261
gggctctgag gagagggctg g

21

<210> 1262
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1262
gggctctgag aagagggctg g

21

<210> 1263
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1263
gagaaatgga ggcaggtcca g

21

<210> 1264
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1264
gagaaatgga agcaggtcca g

21

<210> 1265
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1265
cagcccccaa cccctccagt t

21

<210> 1266
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1266
cagcccccaa accctccagt t

21

<210> 1267

<211> 21
<212> DNA
<213> Homo sapiens

<400> 1267
tgattccccc gtcctattct c 21

<210> 1268
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1268
tgattccccc atcctattct c 21

<210> 1269
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1269
ccattcctaa cccactgctc c 21

<210> 1270
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1270
ccattcctaa tccactgctc c 21

<210> 1271
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1271
cccactgctc cttcctccct 20

<210> 1272
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1272
cccactgctt cttcctccct 20

<210> 1273
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1273
tccacactcc ggctcactat a 21

<210> 1274
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1274
tccacactcc agctcactat a 21

<210> 1275
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1275
caattcctga gccaaagagga a 21

<210> 1276
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1276
caattcctga accaagagga a 21

<210> 1277
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1277
ttcctctgtt cacatctgct t 21

<210> 1278
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1278
ttcctctgtt gacatctgct t 21

<210> 1279
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1279
tcttcctttt tcccaaggat c 21

<210> 1280
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1280
tcctcccttt ccccaaggat c 21

<210> 1281
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1281
gtcctccttt ccctgcccc c 21

<210> 1282
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1282
gtcctccttt tccctgcccc c 21

<210> 1283
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1283
aagaggctag ggcataagagc t 21

<210> 1284
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1284
aagaggctag cgcataagagc t 21

<210> 1285
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1285
ttcacacatt ggtgtaacgt t 21

<210> 1286

<211> 21
<212> DNA
<213> Homo sapiens

<400> 1286
ttcacacatt agtgtaacgt t 21

<210> 1287
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1287
ggctcgagct gtttacagtg a 21

<210> 1288
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1288
ggctcgagct ctttacagtg a 21

<210> 1289
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1289
tctgtggctc cgtgcctgtg c 21

<210> 1290
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1290
tctgtggctc tgtgcctgtg c 21

<210> 1291
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1291
agggtggtag gggtagagc c 21

<210> 1292
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1292
agggtggttag aggtgagagc c 21

<210> 1293
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1293
tagtgttgtg ccaggcaggt t 21

<210> 1294
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1294
tagtgttgtg tcaggcaggt t 21

<210> 1295
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1295
cctttcaatc cccctcattt t 21

<210> 1296
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1296
cctttcaatc tccctcattt t 21

<210> 1297
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1297
agcagtttat gagtgagtt c 21

<210> 1298
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1298
agcagtttat aaggtagtt c 21

<210> 1299
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1299
ccagccctcc cggaggctgt a

21

<210> 1300
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1300
ccagccctcc tggaggctgt a

21

<210> 1301
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1301
ggcctcccca ggccctgcca g

21

<210> 1302
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1302
ggcctcccca agccctgcca g

21

<210> 1303
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1303
tgaggctggg cgtctatgct g

21

<210> 1304
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1304
tgaggctggg tgtctatgct g

21

<210> 1305

<211> 21
<212> DNA
<213> Homo sapiens

<400> 1305
ccccccaaac cgtgcccttg c 21

<210> 1306
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1306
ccccccaaac tgtgcccttg c 21

<210> 1307
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1307
tgggagtgag gctggctggg a 21

<210> 1308
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1308
tgggagtgag actggctggg a 21

<210> 1309
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1309
tccctccttt cccctaagca g 21

<210> 1310
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1310
tccctccttt tccctaagca g 21

<210> 1311
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1311
cacaggtggt ccaggcatct c 21

<210> 1312
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1312
cacaggtggt tcaggcatct c 21

<210> 1313
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1313
tgcattgtgca cggtaggcgag a 21

<210> 1314
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1314
tgcattgtgca tagtaggcgag a 21

<210> 1315
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1315
gggtgaaatc cgcattgatg g 21

<210> 1316
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1316
gggtgaaatc cgcattgatg g 21

<210> 1317
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1317
tggttttaga caggccaca g 21

<210> 1318
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1318
tgggttttaga tgaggccaca g 21

<210> 1319
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1319
acaaggcaat gttcctggga t 21

<210> 1320
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1320
acaaggcaat attcctggga t 21

<210> 1321
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1321
tagtagctga atttgattct c 21

<210> 1322
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1322
tagtagctga gtttgattct c 21

<210> 1323
<211> 28123
<212> DNA
<213> Homo sapiens

<400> 1323
ttgccagag atgaaggtag ggggacagga gagggaggggt atgtgtggat gagtggaaag 60
gaagagggca gacaaagaag gggctgaaag aacttgccca gtggaggggt agaagtcctt 120

ggctctgactg cctgggaaag gggaatcttc tccactccca cccctatccc atgcccagcc 180
agatcttgggt tctgatagcc tatagccaag gagacttccc ttctagtac ctcctggctg 240
cccagagaga taggaggtgg cttgcccctt ctgcactctt actggctccc acccacacct 300
gccgctgagc agccaaggaa ggaaacacct tctcttgaga acaaggcca gaaaaggggt 360
caccgggggtg aaactggaca gacctgtggg caaaggcagg gaagagaagg gccagggaaa 420
gatttgccag ggagaattcc ttctgagccc caacaagcgg tgctgagttg gcgtctggga 480
ttgtgttaag gaagacaggg caacagcggg attgagagat ggagggatcc ccgcatctga 540
ggggataaccg ggagaaggag agctgaggca agcaggagaa ggagagcact gacaagccca 600
ttttacagat caggaatgta gagtttcagc cttaggagga ggacgaggac gaggacactc 660
acgtgggggt cctcctgggg cttcacctgt ccttcccccc ccaacctga tcaggctgaa 720
gcagaggga ttcacacatg ttgggtgccc actaagtgtg ccaggaaata cgctttgcct 780
accctttcca ttcaatctc agagaacctt gggaggaaga ttctcttcta tgattgtctc 840
tattttacgg atgtgaaagt agaggcccag agacgtgccg aggtgatgtg gcaaggtcag 900
ggagccacag agcctaagag ggcagcagtt taagaggaca taagaggccc ccgctggacg 960
atgtgcggc cccaccccc gcctcacggg tacacaccg cgagcacac cccgtgtgct 1020
ccccgtgtgg cgctgccag tgggtctctg aacctgatgg ggaagaggtc agcttcctga 1080
ttgagcacag aagcccttcc cattttacag atgaggaaac tgacctccg agaggaacgt 1140
gaccttctca aagattcctt ttttactagg aaagattgtt aaatccctct ccctacgtcc 1200
cctactcaat gactcatcgg cccacggac ttgttcggga gtgggagcgc ctgtgtatcc 1260
cagttcccc ttggaaatag actcgactcc tggactgtta gcctcggtat ttagagagac 1320
atccccctgg cttggcccag gggcgctcg caggggctgt cgccgtgcca agggccccc 1380
cacctctgcc ccaaagtccc tcccaggag gcgctgtcgc aaccgcggg acgggggcag 1440
ggagaccgga ccagaggca ctgggtagg gctcggcagg gcgggtccgg gcggagcgcg 1500
gggtgcggag ggcggaggcg gctccggcgc ccgctctgcc cgccgctggg tccgaccgcg 1560
ctgccttcc ttgcagccgc gcctcgccc catggacgcc ctgtgcggtt ccggggagct 1620
cggctccaag ttctgggtaa ggcgcggggc tccggggtca ctgcgcggg gccagggtcg 1680
gccggcttcg ccgggtcccc gccgcctgcc tcccgcggg gccggcaggt atccggggac 1740
ggagcccctg agacggcctg ggcgcgggg agggggcgat gggctcggga gggaggttg 1800
ctgcgcgcc cgagccggg tcccacgcg tgcggggac ctgcctgct ctgccttcc 1860

cggtgcagc actggggagc ccgggaaagt gaggaagagt gcgcggctgg ggcgcaaagg 1920
cacagtgcgt ggctgggtga gtcggctcca tcccagcccc tccgtcgggt gcggaagggg 1980
cgtttcgcaa tcagccgcgg gtccctgatg gagggctctc cctcagcatc tgcctcaggt 2040
taggactcgg ttgcccacct gggcatggat tgccccaggg gcatccagag cacctgctca 2100
accaggtgtt ttgggaggcc ggctgtgcag tgtcccaccc ttcttaggaa ggtttctctg 2160
caccttcttt tctctaggta agactgaggt ctgagagcag gccatcccca ccaactccgga 2220
ctcagaaggg agaagcagac ccaggtctgg agacaggtgc aggggtgtcag gattcctgta 2280
gtccaaactcc cttctcacag atggagaaag ggaggcccag agagaggaag ggacttgccc 2340
aaagttaccc agttcaatga aggcagagct gggatagaaa aacaggctac aggccaggtg 2400
cagtggttca cgctgtaat cccacccttt gggaggcaga ggtgggagga tcacttcagc 2460
ccaggagttt tagattactg tgagctatga tcgcaccact gcactgtggc ctgggcgaaa 2520
gagtgcagacc ctgtctctaa aaaaataaat aaataagaaa agaaaatcaa gcctttggtg 2580
actctcactc caaatctctt tctaagacag gctgctcttc agcctgctga ctccagcctc 2640
cagcacagtt caggtgagct aagtgcatac agcctaggag ctttcttacc aacttgcaaa 2700
acttacttgc ctctatgagg caagtgatca tgtggtctcc gttttacaga gggagctcag 2760
attaaaggtg cttctctgtg gtcattaaag ggggtgtccag ggcttgtgaa tcccaatctc 2820
taagtctttt cctattttga gtatttgtac atatatgcc tttgtgtgtg tacgcacaca 2880
cgcaggcacg tggggtgtta cccaagagtt cgtgctgtgc acgtgtgtgc acaggtgtat 2940
aagtctggag ctatgctctt gggctgtgtt tagaatgggc tgaaggcgtt atatggattt 3000
tttgaaactt ggggcaatgg aggtaaaaaa aaaaactgta aaaaggcata tttgggattc 3060
tctctttttc tgtgggtgac ccaaagggtta atccgagatg gtgcaacttc tctgccactg 3120
cccttctttc ccagtcccac aggaacttca tgtattattc agcatggaca ggccacttgc 3180
caccagggtc cagaggttgt gcctttgcct catgagcaca cttcctttca ctgccctttg 3240
ggccaggtct gtatgaccgt ggcaggtttg tgggtgcctgg gatgccaaac agaaaatcaa 3300
gagggtagtt gtgcccagc ttcaggcaca agggctcatt gttcctgggt agcctcctga 3360
accctgagag cttaggactc tacagagaca ggtctcctgg accccagagt tgggaaattc 3420
aggactccct ttttgtccca tgttcagaca tcctctggct ctaccttaac atgggattgt 3480
ggaatccaag aaagtgggag cttgggagtt tgaagcagcg agtccaaccc ctcagtgtag 3540

agctggggaa	actgaggcca	agggagtga	ggcacagga	caatcaaaga	cagagtgtg	3600
ggctgggaaa	ccggaccccg	gggtgtggt	tacagggttg	ccattgcctg	gctgtgagcc	3660
tttgagcctc	tgggccctct	ggccgcgca	cttctccttg	atgctcgtga	gctatacaca	3720
cctcctctga	ggatgcaggc	tcagtgggag	tcagctcatc	tacattatga	agccctcgtg	3780
agatctctgc	ttggatacct	taaatggcaa	actgaccacc	ccccttccca	ccccaatctc	3840
taaacatctt	tcacattctc	ttctggctcc	tgaaagctgt	tccaggctgc	accagtggtg	3900
gctggtgact	ggggaaggag	cgtggagaga	gaaaggaggc	tcccagctca	tcctctgagg	3960
gaatgacagg	gtttgtacag	ctgaaaggag	agagagtcta	cactggaagc	tggatcctct	4020
gccacagcct	aattacaaaa	aaggcctgga	gttctgggct	gttcatttgt	gatgtgctgt	4080
gttgcattctc	atttgcattg	tgtattatta	aggcacaact	ccccctgaac	ctttacctta	4140
ggggcctgtg	ggtgaccac	tttgtgggaa	gtggttcagg	gcagcccgga	agtacctgaa	4200
ctaggagtga	aaatgcaagg	agggggtggg	gtgttcaggc	ccctctgggc	cgctcattta	4260
atctaccaag	atgctcagta	gtcctcctt	atagcttcag	tttctccacc	agtggaatgg	4320
gaaataaccc	aaccctacc	cacctcaca	gatttttctg	atcaaagag	acagggaatg	4380
tggaatgatt	ttaagaacta	agaagtttct	tatgggtggc	aagttctgac	attccccgga	4440
agaggaggga	gaaagaaaaa	tggggttaga	agaaaatgtc	agacgtggga	agacctgcag	4500
ggaaagagct	ggtagggtctg	tcgggccagt	ggctccatt	tcagctgttt	gctggggagc	4560
tgggagctgt	tcctggctca	gtctgagggt	aggagactgg	agaggacct	gccccctggg	4620
acatgtgtac	acacatctgt	gtactcacac	accacctgcc	aggtgaatga	tttgtgtgaa	4680
tccttctctc	tctcaccat	atcgactttg	aagcagggtta	ccaacttccc	tgaatgtgcc	4740
ttgggagttt	ttgtggaaat	aaattccaaa	agagtgaact	gtgtaattaa	accacctcac	4800
tactcaggag	gccagaggtg	cctcagaaca	agggaggagg	tgggacctc	tgctgcagg	4860
attcctctct	gttctgaacc	acagaggttg	ggagcacctg	ggtggtgaag	ggagtatgtg	4920
gaggaagggc	ctggaggtat	ttaccccccg	ccagataaac	acctgttggc	agaattagcc	4980
ttgatctgac	agccccagga	agcttagaaa	tctgaagatc	ctgacatgaa	agccatccaa	5040
agatggcaag	gaccgcctga	gaagtagtga	gctccctgtc	actggggggg	atgtaaggac	5100
atggttagtg	actgcttggc	ggagatgctg	gagagaggat	tcaagccagg	aaagaagggtg	5160
gggtcctgag	attctgtgac	tgggtagagg	gaagatgcgg	ccagtgggga	ttcattagtt	5220
cctcctctga	gatttctgga	ctcctccttc	cctggctctc	tcctgctct	acatacgga	5280

tttgccataga agcagctctt ggtagaggcc tctgggtctc cccttgggta ggccacatg	5340
ggaaaggtga cctcattgtt cccttagctg tttacccatc ctaggaggagg gcagatccct	5400
ggcccccttg aggctcagct ccctgtgtct cctgctctgt tttagctagc cccaattctg	5460
ctattcacca gctgtgtgac tttgggcaaa tgactcacct tctctgggct ccagcagggc	5520
tgagggtggc tctggggcct gcttcaggtc tggagttgcc caattttgga aggatgagcc	5580
ttgggcttg gggcgaaggc tatgcatgat tagggccctt caaagcttag agctcctggg	5640
tatcagggtc tcctctgcct tcttagtagg cagccacaaa aatgtatgag taatgggcaa	5700
ggctcctatg ccaatgtatt ttgactcaca aatgaagaca gtgtcctgca catccatggg	5760
gaagctgagt gggaggtaga cactcctccg cttagcagac accatagctc accctcccct	5820
caggaacca gtcctccctg caaggccaga gctcccgggg ctcccttcct ccatctcagc	5880
tgctgcaagc aaaccagtg ctggatggct ttgacctctg agctcttggc ttctggctac	5940
ggcatttcat tgcttgggc ctcaggctgg cttctctca atcctgctgt tccccactt	6000
cacctgggcc ttaggtccct gagggccaga gagatacggg gaaggaagtg agtcagggaa	6060
gtggcattca ggaggagct ttgccaagcc cgctgtagt cccagacag ggaaatggc	6120
ttgaaacact gggcaggctt ccaggaggga aggacttggc agggatgacc agctgagcca	6180
ccccggagta gggccagagc acccggactg tattcagtcc tctccattgg ggcaggatcc	6240
ctggggagtt gggggtgaaa tgagacctgg tatgccattg ctgggggtggc tgggcccctc	6300
cccttcccga actgaagttg tttctgttct tgggtactgc gtgcagtggc tggggctggc	6360
agggggcagg gtgggatagt gaatgagagc ctaactctag gcttggattt tggatttctc	6420
cttttttttt tttttgtgac agagtcttgc tctgtcgccc aggctgaagt gcagtagcac	6480
aatctcaact cactgcaacc tccacctccc aggttcaagc aatcctctg cctcagcctc	6540
ccaagtagct gggattacag gtgcacacca ccatgcccg ctaatttttg tatttttagt	6600
agagacgggg tttcaccatg atggccaggc tgggtctcaa ttctgacct caagtcatct	6660
gcccacctca gcctcctaaa gtgctgggat tacaggcgtg agccaccgca ttcagccaga	6720
tttctcctaa ctggatattc aggtttctag tcaggggctc ccagaacccc agctaggcca	6780
ctaccaggt gttagccgct ctgctccctc agctctgtga gaataattgc aaaaagcagg	6840
tgatatgaga atgggctgca tggctgaaag gtgatctggg tgcaagtgt ctatccccag	6900
gggtgggacat catgccggag tcctaccagg tgtacaggaa acactaatcc tgtgggaagg	6960

agctggggccc tggaacaaaa ctctctgggt ctaatcccag catcagccct ggggtgtcagc 7020
tgtcatgagc gtgaaatgat catcctggcc cacagcagga gctcagtga ccaaagcccc 7080
ttccagaagc acattggcca gttgagcccg tgagccatcc ctgcaagggg ccagcaggcg 7140
cagcacaacc agtttttggt tgtttgtttg ttgtgttgtg ttgtgttttt gagaaggagt 7200
ctcgctctgc caccctggct ggagtgcagt ggctgatct cagctcactg caacctccgc 7260
ctcccagggt caaacaatta tcctgcctca gcctcctgag tagctgggat tacaggcatg 7320
cgccaccatg cctagataat ttttttaa attttttagta gagacagcgt ttcgtcatgt 7380
tgccaggct ggtcgcagac tcctgacctc aggggaccca ccctcctcgg cctcccaaag 7440
tgctgggatt acagcacagc cagtttttga cccctgcccc caggccttcc aaaggctgag 7500
ggaggggtgag tggggatcag cacgtgtcct tgctctctcc acgccttcat tgctgtgag 7560
tcaatggtct tgtctgttca tcccttcct atctgggact tcaggagctg ccctgcagtg 7620
gtggcttcct tctccagtac cacacaggaa tagggaagta atgactcttc tcatgacaga 7680
gactgtcaac aggcctgggg cccccagggc ttgggagtcc ctggcaaagc tggggcagag 7740
ggctccgggg tcctcacccc ccgccccat cgcctgtatg agtctgcagt gatttcagct 7800
tcagtgacca tgaagtctgc catgaggggg cctctgccac gtggtccatt ctggatgtgg 7860
gaccttacct cttatcagcc ccatccagct gtttaatcgc attattaagg aagctgttgt 7920
tgctgtggaa actgtgtggg tgatgggtgg ggagggggct gtgggctcag ctctcacctc 7980
ccagcagtgc tcttcagagc gggaaatgaga ggagagcctt gagtagggat cgtcatcctg 8040
ccctgcaggg attcaggag tgttacaggg tccagggaat aaccttcact ggccctgtcc 8100
tcaccttcat tttacacata actgagttgg agacccttct gggtgccaag aactgtggcc 8160
ttggtaccag ggagagaaca ctgtgttcct gggcatgaag ctgcagaggc tgcggctgga 8220
gttggcacc ccatattatc tattcatttg tttattcatt cttttgttca atagatggtt 8280
attgagtacc ttctctgtgc caggccctgc tctaagcaac aggaaatacc atcaactgca 8340
gaatacagag ctaaagaatc tgtcttcgtg gagcatatac tctagtggga agaggcagta 8400
aaacaagaat cataaaggcc aggtgcagtg gctcatgcct gtaatcccag cactttggga 8460
ggccgaagca ggaggatcac ttgagcccag aagttcgaga ccagtctggg ccacatagtg 8520
ggaccccatc tctacaaaaa aattaaaaaa ttagctgggc gtggtggcac atgcctgtag 8580
tcccagctac tcaggaggct gaggcaggag gatcgcttga gcccagagg tcaagattac 8640
agtggggaaa aaaaaaaaaa aagaacagtt gaatgtggca ctgtcatgcc gttcaacctg 8700

taatttgaag gtagaatgga cagggtttgc tgagagaccg gatgtgggat gtgagagaaa 8760
gagaagaatc aggggcaact ccaaggactc tggctctggga agagagacag gaggaaggaa 8820
ctgccatccc cgggccaggc aggctagaaa ggcagggacg gccaagagct cagttctgga 8880
cgtgttttgt atgacgtgtc ccatagttga tgcctagct cagggtctgg agtgaaccaa 8940
atagggagtt aggggtgagg gcctgtgtgg gcgggtaccc cctgcctcct agggagggcc 9000
ctgcccaggt gggacatgct tatctcaagg aaaggagccc aggtgaatg cccttgaggg 9060
tcaaagcagc cacccagttc tcacagcccc aaagtcccct gggtgttgcc acagagcagg 9120
tgtctgcgaa accaaaacac gggcctgaca gctggaggct ccatcacccg ctccctgag 9180
tggtgtcccg ttgccatcga agtgctttgc tgttcattct ccctcacctt ctccccgtg 9240
tgaggaggtg accagatgct gtcactcctc ccattactca cagggtggaga ctgaggttca 9300
agggcacgaa ggggctcacc aacagttgca tggctcaaaa gtggcagaag ccatcctgga 9360
ttctccgcat cggggttggg ttcttctgtt ggccactccc caccgcctt acagagccat 9420
gccaccggcc tgcaagtgca cacagcgatt ccaccatgt cccacgcct gggctcctgt 9480
cctcaacatg cacactccct tgtgagtcaa tggccccgtg tggcatcaca aagcctgggt 9540
gcctgtcccg gccacacact gctgggtgtc cttgaacctg ttgccaaagt ggggtgagtt 9600
tctcttttgt aactggggc taacagtgcc cctcctatat acccctggaa gttgttctga 9660
gacaacatcc agataacaac taggtaagtg cagtaataaa atgcgggaga aacattaggg 9720
gcctttattt tcctcactta actggctgcc agggaaaagc aaggaaaggt cagaggctgg 9780
gggtccccag agaggcccca tgtagatgag gctctggctg ggcccagaga aatgggatgt 9840
aactccggc ccagagacct gaagatctgg gttcaggga gctttgggac aggtatctg 9900
gatggcaact aactggagta cctgatcagg cctagagggtg tgcctgtga ccagtgtec 9960
aggcctgggc cagcatgtca gagactcagc aagagtatgt gggtccttg ctcacattgt 10020
ttgagcaact actgaatact gaataggact actgaatact gaatactgaa taggacaaga 10080
tgtacatggt acaacttctg ccacactggg ccttcaatga aatgccccca ggcagcatgt 10140
ccctgactgc atgcttcaca gagcagggat aggcctgccc aacgtgccac tgtatctgca 10200
gaaccagcc cactgcctga ctaccaagg ccctcaccaa acattgtcaa ggccaagagt 10260
gacgtccag ggaaggggat ctctctagga ggaaggggtc tcaagatgaa gaaggtgggt 10320
tttcagccag gcctgtcacc cctcctgga gtggttaggt taggattttg acaagtggta 10380

aaaagaggga ctaggttgag caagggggta ggagcaagaa tctcagagca gatttaggat 10440
gaagtgagtt ggctgtgggg gaaggagca atgggaaagg aggtgggagg agatgccatg 10500
gggggggtct tgaggaccag gttgggtgct aggatgtggc ttcattgagca gcaggagtca 10560
ctgcaggttt gtgggcatga ggcaagaggc acaaagctgt attttgggaa gagccatctc 10620
gcagggtggc aggggcactg gagggcagag ggctgcccc gatgggatta agaagggaaag 10680
gcaggccagg cacagtggct cagcctgaa atcctggcac tttgggaggc tgaggcgggc 10740
ggatcacaag gtcaggagt cagagaccag ctgaccaaca cggtgaaacc ccgtctctac 10800
taaaaataca aaaattagct gggcgtggtg gcgggcatct gtaatcccag ctactcagga 10860
ggctgaggca ggagaatcat ttgaaccgga gaggtggagg ttgcagtga ccaaggtcac 10920
accactgcac tccagcctgg gtgacagagc cagactccgt ctcaaaaaaa aaaaaaaaaa 10980
aaaaaggaag aagggaaggc aggctgggga ggttggggaa aggaagcagg gagtgcagat 11040
cactccccct ccatgagttg ttttcttaag atgctagaac ttggccaggc atggtggctc 11100
acccctgtaa tcccagcact ttgggaggct gaggctggca gatcactga ggtcaggagt 11160
tccagaccag cctggccaac atggtgaaac cccatctcta ctaataatac aaaatttagc 11220
tgggtgtggt ggtgtgcacc tgtggtccta gctacttggg aggctgagac aggagaatca 11280
cttgaaccct ggaggcacag gttgcagaga gctgagatcg tgccactgca ctccagccga 11340
ggtgacagag tgagactccg tctcaaaacc aaaacaaaac aaaaaccaag gccgggtgca 11400
gtggctcatg cctgtaatcc cagcactttg ggaggccgag gtgggcagat cacaaggcca 11460
ggagatcgag accatcctcg ctaacacggg aaaaccccggt ctctactaaa aatacaaaaa 11520
attagacggg catggtggcg ggcgcctgta gtctcagcca atcaggaggc tgaggcagga 11580
gaatggcgtg aaccggggag gcggagcttg cagtgaagcg agatcacgcc actgcactcc 11640
agcctgggcg acagagcgag actccgtctc aaaaacaagc aaacaaaaaa acagaaaaca 11700
aaaattagcc tggcgtagtg gcatgtgcct gtaattccag ctaccagga ggctgagggtg 11760
ggagaatcgc ttgaaccctg gaggcagagg ttgcagtga ccaaggctgc accactgcac 11820
tccagcctgg gtgacagagc gagacttggc cttaaaaaaa aaaaaaaaaa aaagaaatta 11880
accagccgtg gtggtgcacg cccgtaatcc cagctactca gaaggctgag gcacgagaat 11940
cacttgaaca cgggaggcag aggttgagcgt aagccaagat tgtgccactg ccctccagcc 12000
tgggcgacag agcaagattc catcaaaaaa aaaaaaaaaa aaaaaaaaaa aagatgggag 12060
aactcagaac tcaagcatat agattattca acagttcaca tagccagata gttcaaggcc 12120

agctgtgggc tttgaatgcc atagtaaaat gtttgaactt tgccttctag gcagtaggga 12180
gctactgaaa gtttaaaggg atggtatact attattcttt cattcattta ttcaataaac 12240
gtgtatgtgt gtgtgtgtat ttttttttta agagtccagg tcttgcctctg ttgctcaggc 12300
tagagtggag tggcataatc atggctcact gcagcaacaa actcccgggc tcaagagatc 12360
ctcccgcctt agcctccatg taactgggac tacagggtgcc tgtcaccaga ccaggctaata 12420
gttttacatt tttgtagaga cagcgtcttg ctatgttgcc caggctgggc tcaaactcct 12480
ggcctcaagt gatgctcctg ccttggcctc tcaaagcact gggcaatgtc cctggctcttc 12540
aataaatatt tgatttatatt aagcaaattc tttttctgag cacctactat gtgctaggca 12600
ccattctaag tacttaggat acatagataa ataaaataaa ggttcttccc ttcaaagagc 12660
ttacatgtca gcaagtaaag gaaaagatga gagaaaatat aataaatcag taaattatat 12720
atcatgtcaa aaggatgatag gtgttataga gaaaagaaaa agcggagaag ggtgggagaa 12780
ttgggaatac aggggtggga cacagggtggc agtattaaac aggatgggtca gggtaggctt 12840
cattgagaaa gaaagacttc aggatgtctg ggggaggagt gttccaggaa gagagaagag 12900
caagtgcaaa ggccctgaga caggagcagc aagtgcattt agaaacagca agaggccagt 12960
ggctggagtg aagcaggaaa ggcggggaga gggctcatggg ttgggggaag ggacattgtg 13020
caggctctatg caggctattg taggggtgtat ggagtgaaga tgtcaagtca gcagttagat 13080
atggagctgg agatttgagg agcaatgagc tggagagata gacttgaaag tcattggcat 13140
atagatggta catcatatca tcatatgaga ctgcatggga ttgccaagag gttgagtgc 13200
gataggaagg aggcagagaa gaggaagga ctgagctcca ggaccctctt gcaccaggca 13260
ggggaatcag caaagagact gtgatggcat ggccagaaaag gaaggggaaa accatgcagg 13320
atctgggacc ccagggaatc tgaagggaag agaccagaag tctatggcaa ttgctcatga 13380
agagatgagg gtctggccaa ggggccagggt gggaggaacc aggtaagaga tattatcatc 13440
ccaatgttac ccttaaagaa accaaggccc agagagggga gaggttaaga acctgggtca 13500
agatcacacg cttaagtgtg acttcttctt tttatttttt atttttttga gacggagtct 13560
ccctctgtca ccaggctgga gtgcagtggc acaatctcag ctactgcaa cctccgcctc 13620
ccgggttcaa acagttcacc tgctcagcc tcccagtag ctgggattac aggtgcctgc 13680
caccacgccc agctaatttt tgtattttta gtagagacgg gatttcacca tgttggtcag 13740
gtcggctctg aactcctgac ctctgatct tcccacctca gcctcccaa gagctgggat 13800

tacaggtgta agccattgtg cccggccaag tgtgagttct ttttaagctgt gtgaccttgg 13860
ccaaggtgct taacctttcc ctgccaagtc tcaaacacct ctttgtccag ctactatgct 13920
tccatcaaga atcaatagga cctatgtccc tacaggtgtc agggtagctg gcagaatggg 13980
gatgcccttg gcagaggcag gcaaggccaa aggaagggct ggttctggca gggagtgaag 14040
gatcttactt tgagaggat tgaatatgag gtggctgcag acagatggg acgccatctg 14100
agaggcagca ggaagtaggc gctgaggctc aggaggtgat tgagctgttg atctggattt 14160
gggactcctc aggacaatct gtgaacaatg atgagagaga gcaccaagga ccaaggtctg 14220
aacttgggag ctaggggcca tgtccacagg gtgaactgga aggaagataa ggagacagca 14280
aggaatgctt gccaaagaaac caggagacca ggaaagagta gtttccaaga gatgggggaa 14340
gcccacactg ttgcaggag gtccctgcata aagtctgaaa cgggtctatt taattcggcc 14400
ttggaggctg ggcattggtgt ctcacacctg taatcccagc actttgggag gccaaaggcg 14460
gtggatgacc tgagggtcaag agtttgagaa ccagcctggg caacatggca aaaccccgctc 14520
tgtactaaaa atacaaaaat tggccgggctg tgggtgggga agcctgtaat ccagctact 14580
cgggaggctg aggcaggaga atcacctgaa tcccagaggc ggagggtgct gtgagctgag 14640
atcacaccac tgcacaccag cctgggagac agagcaagac tctgcccata agaaaaaaa 14700
aattgtagtt ggaaggactt ctggttctat aggggtggatt gaacacaaga ctttatctcc 14760
agtccttcct gattttccat caaagtgaca gtaaggaata aagaatgtaa acctacaagg 14820
acaaagagaa gaggagacaa cagcagacaa gatattaaca cctttttgga aagtgagaaa 14880
caggttgagg agtgatcact gacacagcag agaacaactg aaaccaaagg ccatttggag 14940
tctgtaaaag ctcggggatt ggagggctga aggaggcaag gggagagca gggctgaaag 15000
cagcggctgc taggagaatg cataaggaga gatgaaacac ccaagatact tatccatctc 15060
ctctcaaagc caggcaaatt ccagccacct cacagaagac cagcagttta ttctgtggaa 15120
ttaagtaaaa gtctgcatac tgaaggatag aaccctcagc cctcactcct aaattgggtcc 15180
cagagaaaag acctccagat tcttccagtt gttgggggag tcttccctaa aggaccaggt 15240
tcctacttga tcaactctgca gtaagcccaa cagccaataa gcttggtcct cgggtactctg 15300
tcttcagtag ctgtttcttg gtccctgggtc cttgggtactc tcaactcatca ttgttcacag 15360
attgccctga ggagtcccag atccagtcac aaatccacct gcccccaaca cacagagcag 15420
ccaactcttt agtgtcttac tccaaaatat tgagacagcc aagccgcaag aatcaccaca 15480
ggtcgggtgc agtgactcac gcctgtaatc ccagcacttt gggaggccga ggcaggcgga 15540

tcacttgaag tcaggagttc gagaccagcc tggccaacat ggcaaaaccc ctctactaaa 15600
aatacaaaaa ttagctgggc attgtgacac gtgcctgtaa tcccagctac tcgggagggt 15660
gaggcaggag aatttcttga acctcagagg cagagggtgc agtgagctga gatcgtacta 15720
ccacactcca gcctgggcga cagagggaga ctccatctca aaaaaaaaaa aaaaaagtca 15780
ccacacattt gaggaaaaat tctgttaaaa taaaaacttt agacaaatta aatttagcag 15840
agtttatctg agcaaagaac aattcatgaa tcagccagca tcctgaaccg tagagggttca 15900
cagagtttta ccaccagca gtatgggcag gcagtattaa tggacagaga aaggaattga 15960
tgtatagaaa cagcttgatt ggcgacagat cagtatttgc cttatttggg catggtgcaa 16020
tgagggtgtt gccttatgtg gacatgttct gatgatctgg cagcttgtga ttggctgaaa 16080
attctgctat atttggtga gacttggtc cttattgtaa gaatatactc tcaagttacg 16140
ttgcagtttg ttacatatt gaattatgct acagtccact atgtatggag tcagctttat 16200
acctgggtga cagagtgaga ctttgtcaaa aaagaagga gaggagagga gagagaggag 16260
agagatgagg ggtggggagg ggaagggagg aaaggagaaa ggaaggaagg aaagaaggaa 16320
gggagggagg gaagggagg agggagggaa gaagggaaag aaagaaggaa ggaaggaagg 16380
aagaaagaga gagagagaaa ggaaggaagg aaggaaatag gcaacacata aaataaattt 16440
ttttaaagga tcacaggtca ctgtgaacaa tagccgttca ttaaatagact tcggaggcat 16500
atacaaaaag ttacatagtt gtagaaaaag cttagctgtt ttaatagcga gttctcagtt 16560
ttcttaagt atcaaaaacc taacaaagac agcatgaagc acaggaaatt atctgggtag 16620
aacacagaat ctttggtttc taggccaact acctaaagag aaagaaaaac attttacaat 16680
ttcctattat gatcagacca ataataag aacaccatgt tgttttaatg gagagaacca 16740
aattctagtt ttgcatcagt gtaattttga tattaatgct agctcttate gccagggtg 16800
gagtgcaatg gtgcaatctc tgcttactgc aacctccgcc tcccgggttc aagtgattct 16860
cctgcctcag cctctcaagt agctgggatt acaggcgct gccaccacac ccggcttatt 16920
ttttgtattt ttagtagaga tggggtttca ccatgttggc caggctgggc tcgaactcct 16980
gacctcaagt gatccaccg cctctgcctc ccaaagtcct gggattacag gcgtgagcca 17040
ctgcaccgg tcgctaactt ttattcttaa aaaattgtaa taattacct ctaattctaa 17100
ccagcttgat caccataaa atttctttca caagattcat cttccacaaa cctcctacaa 17160
ctcttatatc cattcacttt ttgtctata ctttctctt ctcattttcg aaaaatcagt 17220

catttcactt taggacaaaa ttattctct tttccgtta tcaaaacaaa acatcctcac 17280
gtcttatagc ttttccttag cttcctttgt atatttcttt ttcatatatt cctttttctt 17340
accttccttg tatattttca tatagatttt ccccttatt gtttctagta attgtagcta 17400
catatattaa ttagaattct taaccccggc caggtacagt ggctcatgcc tgtaatccca 17460
gcactttgga gtccgaggta ggcagatcac ttgagggcag aagttcaaga ccggcctggc 17520
tgacatgca aaccctgtct ctattaaaaa tacaaaaatt ggctgggcgt ggtggcgggc 17580
acctgtaatc ccagctactg gggaggctca ggcaggagaa ttacctgaac ccaggagggtg 17640
gaggttgca tgagtcaaga ttgagccact gcactccagc ctgggtgaca gcgcgagact 17700
ccatctcaga aaaaaaaaaa aaaaaaaga attcttaacc cttagtgaac ttaatttcca 17760
tggacattag aaagtaacat ttgtgaattg tgtgtcacac cagctgtaga ttggtaaadc 17820
tatgaaccat aatgtctaga agcatgagct ttctcatagt acaatttgc agtgtggcac 17880
agaacatgtt tctcaatggc ccaaatgtc ttttaagtct tctgtaaaaa taaactgtaa 17940
aggaggcaaa atttcatttg tatcccttta ggtttttgt ttgtttgtt tgtgaggcct 18000
gaaaactaaa ttgttgtttg tacagatttc cctcctctc aactttctat tcttgatgct 18060
aagagtgtta aaacctctg gtggctgagc gtggtggctc acgctgtaa tcctagcact 18120
ttgggaggct gaggcagggt gaacacttga cctcaggatt tcgagaccag cctgggcaac 18180
atggtgaaac cccatctcta caaaaaatac aaaaattagc tggatgtggt agcttgtgtc 18240
tgtagtcca gatactttgg cgggctgag gcgggaggat tgcttgagcc caggaggcag 18300
aggttgcaat gagccgagat cttgccactt gcactccaga gtaggcgata gagaccctat 18360
ttcaaaaaag taataataaa accttctggc ataggaagga catcttttac atgggaattt. 18420
tatcttacat tcatttaact cacttatttt caacacttat gcttggattg cctaaaagat 18480
gagataataa acaactagtc atcattttgt ttttcttgct gacaaatttt ataataaaa 18540
gacaacataa gcttgtttta ccagtaaacc tagataggaa atcatgcac tttatgatat 18600
ttaatcccca aaactatgaa aacatgtctg tttcagtcac accaacaata ttcttatttg 18660
ccaaagatta cccaagtcag atgagctgca aaagtatttg aggtagttct taattttctg 18720
agagaatact tcatttatac aagcacttat ttttcttaaa gccacaacaaa tagagctctt 18780
tcataattta attttgagc attaaaagga gataagaaac tatgatacct gtatcatata 18840
tacagactta tataaacata aacagcaaca gatcttacag ctttcattta aatatcttag 18900
ccatgttcca ggtacagtaa tataaaactc ctgaatttat taaagactat ctggatccaa 18960

attgttcttc tggccaatgg aacaagattt cttgcccaga tgactaaagc ttttgaataa 19020
gattcgtgaa ggagctttta agattttttt gtttgatttc tgtaaggaaac ctattataaa 19080
gaggcaattt tttattcatt taatctttta gatgcctctg tgtatcaatt aaagaatgca 19140
tcccattgct tttgtggcat ttttgaacct ttctttctaa tgcaccttgc aagtgaacag 19200
ttttatctag gtcaaaactt tcccactgtg gccactgtaa ctcttaagtt gtctcagca 19260
aagttaacct atttttccaa aaatacacat gttcctcata attgttggtc atgaagttag 19320
ccaccgtccc agaaagtggc gtctcagact ctggagtccc agactcctta gatttggagg 19380
aactcacttt caaaaggcac ctgcctgagg cttttaactg gatccatttc agttaattat 19440
cagatctgat ttgtcctgg acccagtcct acttgacca gtctaagaat tgttcaaata 19500
aacttggaaga acacaaaaca caaattcctg aagcttgga tctgagatag aactcaccca 19560
tgacctccag ttgtacaag agaacaattg gcacagtgtg ccctgtcagg tacccttact 19620
tggtcactaa atgtcctga gggtcactgg agttctactt ccatccac ttctgacacc 19680
aatctgttaa aagaaaagct ttaggccggg cacggtggct cagcctgtt atcccagcac 19740
tttgggaggc cgaggtgggt ggatcacctg aggtcaggag ttcaagacca gcctggccta 19800
catggtgaaa ccccatctct actaaaaata caaaaattag tcaggcatgg tgggtggcgc 19860
ctgtagtcca gctactcagg aggctaaggc aggagaattg cttgaagctg ggaggtggtg 19920
gttgagtgga accgagatca cgccattaca ctccagcgtg ggggccaaga gcgagactgt 19980
ctcaaaaaaa aaaaaaaaaa aagaaaaaga aaaagaaaaa ggaaaagctt tagacaaatt 20040
tagcagagct tatttgaaaa aataagcaat tcatgaattc agcagcatgc taaactagta 20100
aagactcggc tgggcgtggt ggctcacacc tgtaatcca gcactttggg aggtgaggc 20160
aggcagatca cctgaggtca ggagttcaag accaccctgg ctaatatgat gaaaccccat 20220
ttctactaaa aatacaaaaa aattagctgg gcgtggaggc acacacctgt aatcccagct 20280
actcaggagg ctgaggcagg agaattggctt gaacctggga ggcagagggt gcagtgagcc 20340
aagatcacac cattgcactc cagcctgggc aacaagagt aaacgccatc tcaaaagaaa 20400
aaaaaaaaa acctaacca gttaaaggctc aaagaactcc acctaaccat gtggtcaagt 20460
agtacttaca gagagaaaaa aagtacaca tagaaatagc ctatttagaa ctcggtttt 20520
gctttatctg gacaggtcta agcactttgc agtctcgat tggctgaaag ctgagttgca 20580
atgattggct gagactcagc tacttggttac aagaaactct catgttaggt ttgtttacat 20640

attaagttgg gtttcagttc actatgtaag gaggcagctt aaggccaaat ttaatctaata 20700
ttaacacctc cagcttgaaa gacaaaacca aaccaaataca accaagaaac agaaaaaaga 20760
aaattcaaag atgtatgagc atgcataact ttgataaaaa taaaaataat aattatttga 20820
attggcaatt agaaaatagt tatatcctca ggtaacagat gtctctaggt ggatgagatt 20880
gtgggtggtt tttcttggtt ttgatatttt ctgtgcatct ctaaaaaaca tctaattgctt 20940
tgcaaagaac ataagaaaca gattagtaca ttagtggcct tggaggaaac aactcagtaa 21000
aacatgtgtt tattaatgaa tgtattcccc catccctttc caaaaaagtt catagggtgta 21060
gttatagtca aaggtaagag gcagtcctgt cagagccagt aaagtaacca accatcctgg 21120
tttgcccaag accaagcagc ttccaagac actagacttt cagtgcataa accagagaag 21180
tcccatccat actaggagag ttgatcactc tagtctgtgt aatttgcaaa gactctccat 21240
atcctttggt tcctgtgagt ctcaaatcca ccagtgagg tacaggtggg ccggtggatg 21300
gtcacctcca tttcagaaga gaggcagcta aggtcaggg aatctcccta tccctgaccc 21360
gggaaaggcc ttaagagaaa gtggtctttt aaactgtgtg tatatatcac tttgataaaa 21420
ttaaaaatta gttttaaaga agagagaggg ccaggcgagc tgggtcacgc ctgtaatccc 21480
agcactttcg gaggccgagg cgggcaggtc gtaaggtaa gagatcgaga ccatcctggc 21540
taacacaggt gaaactccat ctctattaaa aatacaaaaa aaaaaaaatt agccgggcgt 21600
agtgggtggc acctgtagtc cagctactcc agaggctgag gcaggagaat ggcgtgaacc 21660
tgggaggcgg agttttcagt gagccgagat tgcgccactg cactccagcc tgggcgacag 21720
agtgagactc catctcaaaa aaaaaaaaaa aaaaaagagt gagggccagg cgcagccgtc 21780
acgcctgtaa tcccagcact ttcggaggcc gatgcgggca gatcacgagg tcaagagatc 21840
gagaccatcc tggccaacat ggtgaaaccc cgtctctact aaaaatacaa aaattagcca 21900
ggcgtggtgg tgggcgcctg tagtcccagc tactcaggag gctgaggcag gagaatcgct 21960
tgaaccggg aggcagaggt tgcagtgagc caagatggca aactgcact ccagcctggc 22020
aacagagtga gactctgtct caaaaaaaaaa aaaaaaaaca aaaacaaaaa aaaaagagtg 22080
ggaatccaga atgatagaaa gaaaatgagc ctgggaggga tgaactgcag aggaccataa 22140
ggtaacatgg gagcagtttt gcaggtgtat acaactgtca aactcactga ttgtacactt 22200
taattgggtg cagtttttgt tgcccttaa ttatgcctca attagagaga aagagagaga 22260
atataaggaa atgggggcag ccatggcgtc cttggagaat tcacacttgg gacgacaact 22320
gtcatttgt gtactctctc ctctcacct gtcttccact ccaccctgt ctctgatgga 22380

acatctctcc agctaagcca tcttctctcaa ggcagcccaa ttctctgtgg ggctgccaca 22440
gcactaaact gttctctgtg tccccaggac tccaacctgt ctgtgcacac agaaaacccg 22500
gacctactc cctgcttcca gaactccctg ctggcctggg tgccctgcat ctacctgtgg 22560
gtcgccctgc cctgctactt gctctacctg cggcaccatt gtcgtggcta catcatectc 22620
tcccacctgt ccaagctcaa gatggtcagt ggctcaggga tctcctaccg atggggctgg 22680
gccctgggga ttctgctttt attttttaat ttaattaaat taattaatta attaatttag 22740
agacagagtc tcaactctgtc gcccaggctg gagtgcagtg gcatgatctt ggctcactgc 22800
aacctctgcc ttctgggttc aagcgattct cctgcctcag cctcctgagt agctgggatt 22860
acaggcatgc gccaccacc cagctaattt ttgtattttt agtagagatg gggttttgcc 22920
attttggcag gctggctctc aactcctgac ctcaggatgat cagcctcca aagtgtctggg 22980
attagaggca tgagccactg tgcccagcca gcattctggt tttaatgagg ccctctccca 23040
cctcctcggc tggactgggt tccccagtct cacctgacct gcttgggggc atgggaatct 23100
gacaactgag aatatataca gccagctgac atattcccca cttgggaaag tttaagtaag 23160
ttcagcaaca ctctccccac ctccagcaag cttctgggtca gctccattcc cagacctcag 23220
tgccagtccc aggcaggctc agtggtattc ggtggcttca ggtacaaaga ccccttccca 23280
gtgaggactg tccttgctc tggggatgcg gattccaacc tgtgctctct tcgcaggctc 23340
tgggtgtcct gctgtggtgc gtctcctggg cggacctttt ttactcctc catggcctgg 23400
tccatggccg ggcccctgcc cctgttttct ttgtcacccc cttgggtggtg ggggtcacca 23460
tggtcagtgt ggggccctgg gaaagtggat gggggaggtc tcattgggt gtggactgtg 23520
atagggaaac tgtgggctct gaggagaggg ctggacatat tgggaatggg aagaagaagg 23580
gggtggcccc agaaacttct ggccatgtgg gatggggaga aatggaggca ggtccagatg 23640
tgtgtgttct gcccgggct cctgcctc cctgcacagc tgctggccac cctgctgata 23700
cagtatgagc ggctgcaggg cgtacagtct tcgggggtcc tcattatctt ctggttctctg 23760
tgtgtggtct gcgccatcgt cccattccgc tccaagatcc ttttagccaa ggcagaggta 23820
aggttggggg agaggggaac ctgccaggtt tagccctgat aggagggtga cctcagggtt 23880
caaagtcact gctgggtccc aggtccctc ctcgaggctt caagtacaaa cacaattgtg 23940
ttgttctcca cttgctacat ttctacctgg aagcaggctg aggagggggc accagtgtaa 24000
cacaggaatg agccaagatg ccaccactgt tggaccatca tgtgagggtg gggggctgtt 24060

ccacagcacc caccacacaa gtgcaatatc tgacgtgggt gtcagtcagt gcctgtgtaa 24120
tgaacacatg tagcagacaa gtgtgaagag ttctggctta cctagaggtc ccattagcat 24180
gttcccttcc tttcttccca cctccctcag ttctggcctt tcctcttgat cttcagtggc 24240
tgtgatgttg ggctgggtgg atggaacact gcaggccaac ctagtgccct ccatttctcc 24300
atctcagcgg gaagcaggca aggagagtag caaagaacat aggtgtgaa caaccactt 24360
actcccatg tgggctcggg cgggtcgctg aaacctttgg agcctcattt ccttaattgc 24420
agaaagggcg tcatgagctg tcctgcctgt aggtgatgt cccagttaga caaggctatg 24480
taggtaaggt gatggcacca cacctggcac aggtgccaca cctggtcctc gctgaaccag 24540
agctcccttg tgatccttcc tcattcttca gagtccctg agtggggacc tggaggcccc 24600
caggtgctgc ctctgcccc agaggagact gatgccccaa gggactccgc agggcagggg 24660
ctgcaggccc aggttttcc agtgcttctg acgcccctcc actctccac ccagggtgag 24720
atctcagacc ctttcgctt caccacctt tacatccact ttgcccggtc ctctctgccc 24780
tcattcttggc ctgcttcagg gagaaacctc ctttttctc cgcaaagaat gtcgacctg 24840
tgagtttccc atggaggggtg cgggggctcc acagctgagt cctcagccca actctgacca 24900
gcagccccc acccctccag ttcctttcaa agtgggagag aggtcatccc cacaatctgt 24960
aaactggggc ttggagcagg aacaagggtc ccctccattt ccctactctg ctttgagagg 25020
gtggtgggca ctctgattc cccgctcta ttctctcgcc ttctagaacc cctaccctga 25080
gaccagcgtt ggttttctt cccgctgtt ttctgtgtg ttcacaaagt gagttggctc 25140
ttccaccagc caggccagag ggaggggagg gatggaaggt gagatggaga aaggggagca 25200
gggcagcagt ttagggaccg ggctggccac ctatccacc cccaccgca gtgggcacag 25260
ggcagatgag ggtagggag tggctctggga gggggaccaa atgcagaggc ctggcctggc 25320
ccagtgccgc cccaggcta caggccagcc ctgcatctgg caggctgtgg ggacaggccc 25380
aggaggctgg aagagactgt cattagtctt gagctcctt gtttgtgata aacttgacg 25440
ctgtcatctc cttggctgcg cctcagagcg gcttgagcag gataactgtg tctgtgacct 25500
gggtgacagc tcattaacc caccagactg aggaagcacc cgaggctggg gccaaattgc 25560
ccaggcctcg tcctcacca gggccccagg cagcgtggat tccatcacca gggcctgggg 25620
tggggaggag atgggacacc tggggaggag gaggagaagg gggtagtgg aggaacttcg 25680
gaggagagc cagtgcctc aagcctatt actgaggaaa tgaaggagac acctttcatg 25740
gtcacagtgc ccgagggaga ccctccttcc tggagaccct ggggccctgg agacactgac 25800

ccttggtccc aggtgctaa accctgaccc tctgcggggc tgctgcccgg gcttcacctc 25860
ccccaggat ggccatctat ggctaccggc atcccctgga ggagaaggac ctctggtccc 25920
taaaggaaga ggacagatcc cagatggtgg tgcagcagct gctggaggca tggaggaagc 25980
aggaaaagca gacggcacgg tgaggccctc cccttgcccc aacacccagc cccttcgctt 26040
acccagatc tcctgcagag gacgctggta gaccttgagg ggcggcattg ctggggtggc 26100
aagcagagca ggaccaggtg atttcttggc agcctcggga ccattctatg ggaagcttag 26160
gcctggatgg cgctagttct ccagctctg gtgggggcag gagaatggct ggcactttgg 26220
agcaactact ccatcccagg tcccatccta aggatataaa taaactcact taatttttca 26280
acagccctaa agggtaggtt caagtgtccc tgtgttacag atggggacac tggggccggg 26340
tgtggtggct cacagctgta atcctaacac tttgagatgc caaggcagga ggattgcttg 26400
agtccaagag ttcaagacca gcctgggcaa tatagtgaga ccttgtctct aaaaaaata 26460
aacaagatga gccgggcatg gtggtgtgca cctgtagtcc cagctacttg agaggtgag 26520
gtgggaggat catttgagcc caagaggtca aggttatagt gagctgagat tgtgccactg 26580
tctccagtct gggaataga gtgagacctt ttctcaacaa caacaaaaac agatggagac 26640
accgaagcac agaaatttaa cagagggcct ccaggggtcc ccaagttggt ggtggcagag 26700
ctggaatcca catggagccg gctggcccca gaggttctcc tcatatcact gcaccaccct 26760
gcctgactga gagggctgat tccagggccca ggagccagca caccctgcc aattctgcct 26820
cctcctgtct ggaggcggcg gctgaatgag atgatcttcc cctgaggggt ctccccactg 26880
tcagcctctt atcaaggacc acaaacctgt ctctggccaa ctgcctcacc aagagagctg 26940
acgctgagca tcatctttct ccacccaatt ctgaccccag gattgaacct tccctcctcc 27000
catccacaat ccaggcctag gagttcaatg tttgctcagc ccggagcttc cggttgctac 27060
cagctgttgg aggagcctgg ggctgggcat ggtagcagt atcctggctt tcatggcttg 27120
gagcctccac gaagacctat gggcccccag tctgctgct gcacccctc tcagtcctc 27180
catgccactc caccctctcc ctgttcagct gccgggtggc tgtaccaaca gccatccttg 27240
atcttatcta ccttccctct tggcgtctc cctggagcca gcactgggga ggcggggaga 27300
gggccagact ggggggatag ctgggtttta gagtcttgt ggtagcagtc tggccacccc 27360
ttcagatgcc ctctggcagc tgaggacaga gtcgcttggt caattcttat gctgtctgtt 27420
cccctcccag ctctgagagc caagaaaaca gctccttct cctctcact cctagccagc 27480

326/511

ccagcctagc ccttggttc ctggagcccc tgtcccccatt cctaaccac tgctccttcc 27540
tccctggacc agacacaagg cttcagcagc acctgggaaa aatgcctccg gcgaggacga 27600
ggtgctgctg ggtgcccggc ccaggcccgg aagccctcct tcctgaaggc cctgctggcc 27660
accttcggct ccagcttcct catcagtgcc tgcttcaagc ttatccagga cctgctctcc 27720
ttcatcaatc cacagctgct caggctcttc cacactccgg ctactatag ccctgccctg 27780
ggcagcaggg ctggctggct agcccagagg aaggaacaac gtacagtga aagaaccca 27840
gacaggaacc agggaggcta gctccacttt ctgtgtgacc tttggcaagt ggcattgcct 27900
gacttgtttc ctactcaca ttcaacttag aattgctgtg catatactat gtgccgggca 27960
ccgtggtgtg tacgttaaca agcattgggt ctttaaactc tccaacaat cctatgcgga 28020
attgccccat tccatgtca cagatgagaa agcaggaact cagagagggt aagtgacttg 28080
gccaaaggga cacagcaaag aaggaatcag gtctgagtcc agg 28123

<210> 1324
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1324
gctcccgagt tcacag 16

<210> 1325
<211> 15
<212> DNA
<213> Homo sapiens

<400> 1325
ccaccagccc acact 15

<210> 1326
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1326
cacccttccc ataaagc 17

<210> 1327
<211> 15
<212> DNA
<213> Homo sapiens

<400> 1327
gcacacggac accag 15

<210> 1328
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1328
atgtgggtgt gaatgc 16

<210> 1329
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1329
gaaaaggagg gtcttctg 18

<210> 1330
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1330
agccacagtc atcctca 17

<210> 1331
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1331
atccctcacc aatatcttg 19

<210> 1332
<211> 15
<212> DNA
<213> Homo sapiens

<400> 1332
gagctacgcc aggat 15

<210> 1333
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1333
gtgaaggaag accaggg 17

<210> 1334

<211> 17
<212> DNA
<213> Homo sapiens

<400> 1334
ccctgggtctt ccttcac 17

<210> 1335
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1335
taggtagtgc tcaaaagtgt g 21

<210> 1336
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1336
ccttgtctct tggctga 17

<210> 1337
<211> 15
<212> DNA
<213> Homo sapiens

<400> 1337
agcagggcat tgtcg 15

<210> 1338
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1338
caagacagat ggacactg 18

<210> 1339
<211> 15
<212> DNA
<213> Homo sapiens

<400> 1339
cacctgccga tgagt 15

<210> 1340
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1340
tagtgteccc ctccccga 18

<210> 1341
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1341
ctgtccacct cctggcat 18

<210> 1342
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1342
ccaaccaccc agtctcca 18

<210> 1343
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1343
ttcctctcgc ccccaactt 19

<210> 1344
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1344
gcaggttctg ggatggca 18

<210> 1345
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1345
atgcatagaa gggacagagt g 21

<210> 1346
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1346
atgcatagaa aggacagagt g 21

<210> 1347
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1347
tgtacactgt gaggacacag a

21

<210> 1348
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1348
tgtacactgt aaggacacag a

21

<210> 1349
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1349
actgggtaac atctcagggc c

21

<210> 1350
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1350
actgggtaac gtctcagggc c

21

<210> 1351
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1351
agcttgacct atccccagg t

21

<210> 1352
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1352
agcttgacct gtccccagg t

21

<210> 1353

<211> 21
<212> DNA
<213> Homo sapiens

<400> 1353
acccgatcat ccccccttct g

21

<210> 1354
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1354
acccgatcat tcccccttct g

21

<210> 1355
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1355
ccgacagtgg cgggaaagag a

21

<210> 1356
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1356
ccgacagtgg tgggaaagag a

21

<210> 1357
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1357
ggaagtggcc aggaggttca a

21

<210> 1358
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1358
ggaagtggcc gggaggttca a

21

<210> 1359
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1359
tcttcctctc gcccccaact t 21

<210> 1360
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1360
tcttcctctc acccccaact t 21

<210> 1361
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1361
ctggtgccgg cctgtgggct g 21

<210> 1362
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1362
ctggtgccgg tctgtgggct g 21

<210> 1363
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1363
tgctgaaggg ggccgctttc g 21

<210> 1364
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1364
tgctgaaggg agccgctttc g 21

<210> 1365
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1365
gcccctccat cctgttacca t 21

<210> 1366
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1366
gccccctccat tctggtacca t 21

<210> 1367
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1367
ggagcaattc gccattactc t 21

<210> 1368
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1368
ggagcaattc accattactc t 21

<210> 1369
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1369
ctgcccttgg gtgacacctc c 21

<210> 1370
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1370
ctgcccttgg atgacacctc c 21

<210> 1371
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1371
gaccaaggat aggccatctg g 21

<210> 1372

<211> 21
<212> DNA
<213> Homo sapiens

<400> 1372
gaccaaggat gggccatctg g 21

<210> 1373
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1373
ctctaatagt cctgtctccc a 21

<210> 1374
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1374
ctctaatagt actgtctccc a 21

<210> 1375
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1375
ttgtgggctc caggcctgta c 21

<210> 1376
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1376
ttgtgggctc aaggcctgta c 21

<210> 1377
<211> 652
<212> DNA
<213> Homo sapiens

<220>
<221> Unsure
<222> (206)..(206)
<223> n = a, c, g, or t

<400> 1377
tcagctgggc ctccatgac cgaccagac agcctgctct cttttcttct catttcttcc 60

```

tccctcttac ccttatcttt cccatgctcc tgttcacatg ttctactcca gggctctatt 120
tttgtgtaca aaatgtcatg attacagctc tctttataac aattccaacc cccattcccc 180
agcttttttt ccccatgaga ggtcanctc ccgagttcac aggcccaa at gtgagtgatg 240
catagaaggg acagagtgtt tcctctgagg cctctacaca tccctgtcca gtcttttcat 300
tctctggggtt ttctcatttc tagtccaaga ggcccagaag caaacctgga ggtgagaccc 360
aaagaaagct ggaaccatgc tgactttgta cactgtgagg acacagagtc tgttcctgga 420
aagcccagtg tcaacgcaga tgaggaagtc ggagggtccc aaatctgccg tgtatgtggg 480
gacaaggcca ctggctatca cttcaatgtc atgacatgtg aaggatgcaa gggctttttc 540
aggtagagtt acccatcagc cttcaccac gtgccaccac tgaccactg ggtaacatct 600
cagggcctca gcttgaccta tccccaggt tcagagtgtg ggctggtggc cc 652

```

<210> 1378

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> Unsure

<222> (43)..(43)

<223> n = a, c, g, or t

<400> 1378

```

gtgtcccatt tcctggccgg aatggccaga aaaggtctcc tcnccggctc tgccccctct 60
agctgagtcc tggacctcta gggactccca cctacacct tcccataaag cctgaccca'g 120
ctgggacgca aaggctagtg tccccctccc cgagtcggta ggggctgggg agggaggtgg 180
tatggcccgg agccccaggc cgagggcccg ggcacccgtg catccccct tctgctcccc 240
attctctcac aggagggcca tgaaacgcaa cgcccggctg aggtgcccct tccggaaggg 300
cgctgcgag atcaccggga agaccggcg acagtgccag gcctgccgcc tgcgcaagtg 360
cctggagagc ggcatgaaga aggagagtga gcagtggcg cgcgggcggg ccggcgccgg 420
ggtgcacggc tctgagtaag gacgtgccgt ggggtgtgtc atgcttgtgt ggagatgcgc 480
gccgagtgtg cgcgtgaaca cacgtgcaca tgtgagctgg tgtccgtgtg caacaggcag 540
ccacctgggg gagcgcttgc agtcggccct ctgggagatg gagggagtcg gtaatctctg 600
ccctgggatg tgtgcttggg cagccctgga cagggcgtgc cctctgtctc ccctcagttg 660
ctcctgcac atctcttttg tccccctcat aattgttgta atggtttgaa accacatttg 720

```

cgggtaagga gtgtgaat 738

<210> 1379
<211> 903
<212> DNA
<213> Homo sapiens

<400> 1379
aaggagaaac ctggagacag gagaggtaa ggagggtgct tggggtcaca ggtagtaagt 60
ggcaaagctt tcatgcaaac ccaagcgctt ttggattctg aagcccgctc tcttgccagg 120
gccccacagt gtcctcacia actccactgc agagggcaaa acaccagcct cacctcatct 180
ctgtcctcac ccaagtgttt ctccagaaga gccacaggc ctcttgagtc cagacagggg 240
agaattgctt gtcaccatta ctttctcttt tgcctaacgg cttctgctgc cttgagaggg 300
ttacacagtg gctctccagg gggctggagg ctcaccaggg gcacgtgtgc ctgagccagc 360
ctcactgtcc ctgcagtgat catgtccgac gaggccgtgg aggagaggcg ggccttgatc 420
aagcggaaga aaagtgaacg gacagggact cagccactgg gagtgcaggg gctgacagag 480
gagcagcgga tgatgatcag ggagctgatg gacgctcaga tgaaaacctt tgacactacc 540
ttctcccatt tcaagaattt ccgggtagga ggaactgcac agtgaccga ggtgtcactg 600
ccatcttcat tctcacatag aaactgaggt tccccaagga taagaaactt atacaaggtc 660
acagctaata agtggtggag ggtagatttg gagagctggc cctgcatctg tgctagctcc 720
tcaaagcctt agtctcatte ccaaagggtc tgaaagtgtg gtccttgggt cagcagcatc 780
agcatgcaga ttttcaggtc acctcagatc tcctgaatct gamgctccag ggaggggagc 840
gacccccag tgattctgtt gcagggtcag gtttgaaaaa tctactgtct ctcctttaag 900
gca 903

<210> 1380
<211> 699
<212> DNA
<213> Homo sapiens

<220>
<221> Unsure
<222> (107)..(107)
<223> n = a, c, g, or t

<400> 1380
gttgagctcc cccttaccct ccattttaac ccaagcaggg atgtgtgtga ccattaatcc 60

atagatcccc aaagcacctt catctgatag agaaccacag agagaanaaa caaatgctgt 120
gtgtgtatat gtgtgaggac acacgcatgc atgtgggtgt gaatgcctgc atttgtgcat 180
cctctcgagc tgcaactgtg gctgtgcatg tttggctggg gcctgagttg ggacctgtct 240
atgaaagcac atgctgtctc tcctctgtcc acctcctggc atgtgtcctg ctgccagggg 300
tgcttagcag tggctgagag ttgccagagt ctctgcaggc cccatcgagg gaagaagctg 360
ccaagtggag ccagggtccg aaagatctgt gctctttgaa ggtctctctg cagctgcggg 420
gggaggatgg cagtgtctgg aactacaaac cccagccga cagtggcggg aaagagactt 480
ctccctgctg ccccatggtg ctgacatgtc aacctacatg ttcaaaggca tcatcagctt 540
tgccaaagtc atctcctact tcagggtagg acatggagac tgggtggttg ggtgtggaaa 600
agaactggaa gtggccagga ggttcaaagg gcctggggta gatcctgaat ttggggggat 660
attggtgtca gaagaccctc cttttcctgt gccctttcc 699

<210> 1381

<211> 1475

<212> DNA

<213> Homo sapiens

<220>

<221> Unsure

<222> (134)..(141)

<223> n = a, c, g, or t

<220>

<221> Unsure

<222> (156)..(156)

<223> n = a, c, g, or t

<400> 1381

tttgtatagg agctgaagga gatggggcca gcctgtaagg gacctggatg ccaagctcag 60
tgggtggagt tcccggaggt tggaggggag gagaggatgc tgcggggcag agctgtctgc 120
tgggttggtga gggnnnnnnn ntgagaggca gccagncagc agccacagtc atcctcaggg 180
aaaggagcca tcctccctct tcctctcgcc cccaacttct ggattatggg atggctgctg 240
gtgccggcct gtgggctgcc tcccaggag ctgtcctccc ctccccatcc ttgctgccag 300
ggacttgccc atcgaggacc agatctccct gctgaagggg gccgctttcg agctgtgtca 360
actgagattc aacacagtgt tcaacgcgga gactggaacc tgggagtgtg gccggctgtc 420
ctactgcttg gaagacactg cagtgtggcc tggctgtcct actgcttgga agacactgca 480

```

gggtccccgag agagcctgcc tgccttgcca gagggaggga aacactgcag ttatgggagg 540
aagggagcta cgccaggata tgcaggttct gggatggcag ggcaggaaga tggaatggtg 600
gaaaacaaga tattggtgag ggatgattag atcttggcca gcttgctgag aagctgcccc 660
tccatcctgt taccatccac aggtggcttc cagcaacttc tactggagcc catgctgaaa 720
ttccactaca tgctgaagaa gctgcagctg catgaggagg agtatgtgct gatgcaggcc 780
atctccctct tctccccagg gaaggcccca gtctatggcc ttgctcctca ttcactgcgc 840
agccaggatg ggggctctcg ctggtttctc ctggggtcag tgggtgatgc ccagccctgg 900
tcttccttca cttccctgcc tgggtgactc cagctctgga ggggtggttg cgagcaatgc 960
cctgactctg ggctggactg agcttgctt tgcctcatga tcttgacca cacctccctc 1020
ccctccagac cgccagggtg tgctgcagca ccgcgtgggtg gaccagctgc aggagcaatt 1080
cgccattact ctgaagtctt acattgaatg caatcgccc cagcctgctc aggtgagcac 1140
agcaggggggt gaggaccctg gagggatgat tgaggagacc gaggttcagg gaaattgccc 1200
aagacttcat ggccagaggg tggcatctgg aggtagcccc agccagacca ggtccaaagc 1260
tcacactttt gagcactacc taaccacttc ccaggaaaaa cacaagcaaa cagggggagc 1320
tggcccagaa aggggcttct ataccttcac tggctctcag tagctcctgt gacctactgc 1380
ccagactgat gccacagac ccagagacaa acttggtattt tacggagccc aaggccatga 1440
agggttaagg ccaacactga gtattatagt gtgaa 1475

```

<210> 1382

<211> 925

<212> DNA

<213> Homo sapiens

<400> 1382

```

aaaaaaaaa aaaaaaaga cacagctccc atgaatggga tgggagtggg gagagtattg 60
ggcaggctgt tctgcctttc tcatctacag ggtaaaagag aagcttacgg aattcagcca 120
agccttgtct cttggctgac ctgaaatgtc cagagattat gcttgctgag cctcagagca 180
gccctgaggc ttgtgggtca gggcgggctg caccacaaat cttttctctg gctggcatgc 240
aggttcttgt tcctgaagat catggctatg ctcaccgagc tccgcagcat caatgctcag 300
cacaccagc ggctgctgag catccaggac atacaccctt ttgctacgcc cctcatgcag 360
gagttgttcg gcatcacagg tagctgagcg gctgcccttg ggtgacacct ccgagaggca 420
gccagacca gagccctctg agccgccact cccgggccaa gacagatgga cactgccaa 480

```

agccgacaat gccctgctgg cctgtctccc tagggaattc ctgctatgac agctggctag 540
cattcctcag gaaggacatg ggtgcccccc acccccagtt cagtctgtag ggagtgaagc 600
cacagactct tacgtggaga gtgcactgac ctgtaggtca ggaccatcag agaggcaagg 660
ttgccctttc cttttaaaag gccctgtggt ctggggagaa atccctcaga tcccactaaa 720
gtgtcaagggt gtggaaggga ccaagcgacc aaggataggc catctggggt ctatgccac 780
atacccacgt ttgttcgctt cctgagtctt ttcattgcta cctctaatag tcctgtctcc 840
cacttcccac tcgttcccct cctcttcga gctgctttgt gggtccagg cctgtactca 900
tcggcagggtg catgagtatc tgtgg 925

<210> 1383
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1383
ctggaggaag gggctctc 18

<210> 1384
<211> 15
<212> DNA
<213> Homo sapiens

<400> 1384
ggggactggg gtgga 15

<210> 1385
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1385
caaagggggt ggcagca 17

<210> 1386
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1386
cttctcgctg gtcaaggag 19

<210> 1387
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1387
cactgtccgc tcccctacca 20

<210> 1388
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1388
ggttgatggt gctggtgacg 20

<210> 1389
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1389
tgctcatggg ccactgggct c 21

<210> 1390
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1390
tgctcatggg acactgggct c 21

<210> 1391
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1391
gaaaggagca gctggccaag c 21

<210> 1392
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1392
gaaaggagca actggccaag c 21

<210> 1393
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1393
gccctggctc cgtgcaccgc a 21

<210> 1394
 <211> 21
 <212> DNA
 <213> Homo sapiens

<400> 1394
 gccctggctc tgtgcaccgc a

21

<210> 1395
 <211> 2093
 <212> DNA
 <213> Homo sapiens

<400> 1395
 agtatagctt ataagtgat gaatgcttga gaagttgcag attatacaaa gtagttccca 60
 actcctgcaa ccagtatgt aagatagaat tgtagttaat ttcccagtaa gaaaatgagc 120
 ctgagtctga aaggtaaaac tgaatgaagt attcaaacc tggatcccaa agccactcca 180
 cgctgctggc aaatccactt atggctggga aagtgccact gcataaatga ccatgagtgg 240
 gcaccggtaa gggaggggtga tgctatctgg tctgaagctc tggaagggca agaattacat 300
 cccatgcac ttccaataag gtctatcaga aatgtccagt ggccaacca aagcccatgt 360
 cctctctttt aggtgatgac tttcccctga ggaagccctg tagcgtgcct ggaggaaggg 420
 gctctccaac ccagcccca cctagccacc atgaacactt cagccccacc tgctgtcagc 480
 cccaacatca ccgtcctggc accaggaaag gggccctggc aagtggcctt cattgggatc 540
 accacgggac tcctgtcgct agccacagt acaggcaacc tgctggtact catctccttc 600
 aaggtaaca cggagctcaa gacagtcaat aactacttcc tgctgagcct ggctgtgct 660
 gacctcatca tcggtacctt ctccatgaac ctctatacca cgtacctgct catgggccac 720
 tgggctctgg gcacgtggc ttgtgacctc tggtggccc tggactatgt ggccagcaat 780
 gcctccgtca tgaatctgct gctcatcagc tttagccgt acttctccgt gactcggccc 840
 ctgagctacc gtgccaagcg cacacccgc cgggcagctc tgatgatcgg cctggcctgg 900
 ctggtttcc tttgtgctctg ggcccagcc atcctcttct ggcagtaact ggtaggggag 960
 cggacagtgc tagctgggca gtgtacatc cagttcctct ccagcccat catcaccttt 1020
 ggcacagcca tggctgcctt ctacctcct gtcacagtca tgtgcacgct ctactggcgc 1080
 atctaccggg agacagagaa ccgagcacgg gagctggcag cccttcaggg ctccgagacg 1140
 ccaggcaaa ggggtggcag cagcagcagc tcagagaggt ctgagccagg ggctgagggc 1200


```

tcaccagaga ctctccagg ccgctgctgc cgctgctgcc gggcccccag gctgctgcag 1260
gcctacagct ggaaggaaga agaggaagag gacgaaggct ccatggagtc cctcacatcc 1320
tcagagggag aggagcctgg ctccgaagtg gtgatcaaga tgccaatggt ggaccccagag 1380
gcacaggccc ccaccaagca gccccacgg agctcccca atacagtcaa gagggcgact 1440
aagaaagggc gtgatcgagc tggcaagggc cagaagcccc gtggaaagga gcagctggcc 1500
aagcggaaga ccttctcgct ggtcaaggag aagaaggcgg ctcggaacct gagtgccatc 1560
ctcctggcct tcatectcac ctggacaccg tacaacatca tgggtgctggt gtccacgttc 1620
tgcaaggact gtgttcccga gacctgtgg gagctgggct actggctgtg ctacgtcaac 1680
agcaccatca accccatgtg ctacgcactc tgcaacaaag ccttcggga cacctttcgc 1740
ctgctgctgc tttgccgctg ggacaagaga cgctggcgca agatcccca gcgccctggc 1800
tccgtgcacc gcactcctc ccgccaatgc tgatagtccc ctctctgca tccctccacc 1860
ccagtccccg ggaaaaggcc ggtcggaaga gggcagggc tgcatcctca gccccagggc 1920
cctgctcagg cctcacctgg cttcccagga ccctgggtca ccttctggg cagcccagag 1980
agacctgcca actttccaga cttcgctatt ccagggcagg gagggaaacc cggggaactg 2040
gtttttctgt tccctgctgg gtgggaatgc gctcttcaca ggaagaaggc ccg 2093

```

```

<210> 1396
<211> 18
<212> DNA
<213> Homo sapiens

```

```

<400> 1396
ctccacctca gtcagtgc 18

```

```

<210> 1397
<211> 19
<212> DNA
<213> Homo sapiens

```

```

<400> 1397
ccctgtttgt ttgctcctc 19

```

```

<210> 1398
<211> 18
<212> DNA
<213> Homo sapiens

```

```

<400> 1398
gaataaaagg gataaacg 18

```

<210> 1399
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1399
ccttgtaact gtggcattcc 20

<210> 1400
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1400
gggcttctga ttctacaatt t 21

<210> 1401
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1401
gggcttctga atctacaatt t 21

<210> 1402
<211> 2210
<212> DNA
<213> Homo sapiens

<400> 1402
acatgggaat taggcaggta gacacagtaa tcatgcaggg gaagggagat ttgggagaaa 60
ataatgtggt ttaaaaggag aaacaacatt atgtatttta aaccaatgtt tatattatgt 120
ttgttaattt tattctattt ccttgcagggt ttaaagtgtt atttgctact tggctactga 180
ttagagaacg caaaatgaat aactcaaaa actcctctaa caatagcctg gctcttaciaa 240
gtccttataa gacatttgaa gtggtgttta ttgtcctggg ggctggatcc ctgagtttgg 300
tgaccattat cggaacatc ctagtcatgg tttccattaa agtcaaccgc cacctccaga 360
ccgtcaaaa ttacttttta ttcagcttgg cctgtgctga ccttatcata ggtgttttct 420
ccatgaactt gtacaccctc tacactgtga ttggttactg gcctttggga cctgtggtgt 480
gtgaccttg gctagccctg gactatgtgg tcagcaatgc ctgagttatg aatctgctca 540
tcatcagctt tgacaggtac ttctgtgtca caaaacctct gacctacca gtcaagcgga 600
ccacaaaaat ggcaggatg atgattgcag ctgcctgggt cctctctttc atcctctggg 660
ctccagccat tctcttctgg cagttcattg taggggtgag aactgtggag gatggggagt 720

gctacattca gtttttttcc aatgctgctg tcacctttgg tacggctatt gcagccttct 780
at ttgccagt gatcatcatg actgtgctat attggcacat atcccgagcc agcaagagca 840
ggataaagaa ggacaagaag gagcctgttg ccaaccaaga ccccgtttct ccaagtctgg 900
tacaaggaag gatagtgaag ccaaacaata acaacatgcc cagcagtgaac gatggcctgg 960
agcacaacaa aatccagaat ggcaaagccc ccagggatcc tgtgactgaa aactgtgttc 1020
agggagagga gaaggagagc tccaatgact ccacctcagt cagtgtgtgt gcctctaata 1080
tgagagatga tgaaataacc caggatgaaa acacagtttc cacttccttg ggccattcca 1140
aagatgagaa ctctaagcaa acatgcatca gaattggcac caagaccca aaaagtgact 1200
catgtacccc aactaatacc accgtggagg tagtggggtc ttcaggtcag aatggagatg 1260
aaaagcagaa tattgtagcc cgcaagattg tgaagatgac taagcagcct gcaaaaaaga 1320
agcctcctcc ttcccgggaa aagaaagtca ccaggacaat cttggctatt ctgttggtct 1380
tcatcatcac ttgggccccca tacaatgtca tgggtgtcat taacaccttt tgtgcacctt 1440
gcatcccaa cactgtgtgg acaattggtt actggctttg ttacatcaac agcactatca 1500
accctgcttg ctatgcactt tgcaatgcc ccttcaagaa gacctttaa caccttctca 1560
tgtgtcatta taagaacata ggcgtacaa ggtaaaatat ctttgaaaaa gatagaaggt 1620
gggcaagggg agcttgagaa gaataaaagg gataaacgag ctctagttt taaaatctct 1680
gccattgcac tttatagtct gattacaaaa cgtgcaattc aggagcccag cagtgcaca 1740
cttatcacgc ctaggtcca gtttgcaaaa attgcacctt ataaactgtc agtattagga 1800
gcaatgagac aatgaaagaa acatgttggg atcgtggatt taagaaacta tacactgttt 1860
ctcataatct cttgaagaag ggcttctgat tctacaattt tatcagtctc tgcacaagag 1920
gaataacctt gttccttttt tgttactttt gttgttgttg ttctcatgtg tccttaagag 1980
aaggaatgcc acagttacaa ggtaaacatg gagacttaaa cataaagaaa taggcactat 2040
acaatgggga cataaaaaaa gaaaatgaaa gaaggatgca gaaatttgtc tccggagtgt 2100
taagcatatt ttattctttt gttacggctc tatttagagg attggaatgt aataaatgct 2160
tattttttgc ctttcttttt cccaccatga agagaaagca aacaaacaga 2210

<210> 1403

<211> 17

<212> DNA

<213> Homo sapiens

<400> 1403
gatgtctgtc tgcccta 17

<210> 1404
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1404
gcatcatgtt gttcca 16

<210> 1405
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1405
cttgtagaat gaggttgt 18

<210> 1406
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1406
caatgaacac cagaaag 17

<210> 1407
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1407
atgtttattt gctacttg 18

<210> 1408
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1408
atacctgcca tttttgtg 18

<210> 1409
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1409
aatagcagtg acaaaacg 18

<210> 1410
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1410
gatttgcctg ggtcct

16

<210> 1411
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1411
gcagttcaag tttcgtac

18

<210> 1412
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1412
tgatgtctca ccagagc

17

<210> 1413
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1413
aaccacagat tcgtaagc

18

<210> 1414
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1414
actgggctta tttcacg

17

<210> 1415
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1415
tcaagcagtt tagatagc

18

<210> 1416
<211> 17

<212> DNA
<213> Homo sapiens

<400> 1416
gctgattaac aaaggtg

17

<210> 1417
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1417
acgtaccac cgatgaccct c

21

<210> 1418
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1418
acgtaccac tgatgaccct c

21

<210> 1419
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1419
tgtttactga tccattgaat a

21

<210> 1420
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1420
tgtttactga cccattgaat a

21

<210> 1421
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1421
tccagacccc aagtgaaca c

21

<210> 1422
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1422
tccagacccc gagtggaaaca c 21

<210> 1423
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1423
attcctgcaa catacgcttt c 21

<210> 1424
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1424
attcctgcaa tatacgcttt c 21

<210> 1425
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1425
atatatatgt gtatatatat a 21

<210> 1426
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1426
atatatatgt atatatatat a 21

<210> 1427
<211> 3906
<212> DNA
<213> Homo sapiens

<400> 1427
atcgatgtct gtctgcccta gactccactt atttaaaata agagaatgaa cttgatgttt 60
ggcttcatag agattcagca ccctgtaata ggccttccat gtcttttaac gtatgtaatg 120
caaagaacaa acaaataaaag gcagaaatth ttctaactct gtctcttctc tctttccccc 180
agactatgtc agagagtcac aatgaccttg cacaataaca gtacaacctc gcctttgttt 240
ccaaacatca gctcctcctg gatacacagc ccctccgatg cagggctgcc cccgggaacc 300
gtcactcatt tcggcagcta caatgtttct cgagcagctg gcaatttctc ctctccagac 360

ggtagccaccg atgaccctct gggagggtcat accgtctggc aagtgggtctt catcgctttc 420
ttaacgggca tcctggcctt ggtgaccatc atcggcaaca tcctggtaat tgtgtcattt 480
aagggtcaaca agcagctgaa gacgggtcaac aactacttcc tcttaagcct ggctgtgccc 540
gatctgatta tcgggggtcat ttcaatgaat ctgtttacga cctacatcat catgaatcga 600
tgggccttag ggaacttggc ctgtgacctc tggttgcca ttgactacgt agccagcaat 660
gcctctgtta tgaatcttct ggtcatcagc ttgacagat acttttccat cacgaggccg 720
ctcacgtacc gagccaaacg aacaacaaag agagccgggtg tgatgatcgg tctggcttgg 780
gtcatctcct ttgtcctttg ggctcctgcc atcttgttct ggcaatactt tgttggaag 840
agaactgtgc ctccgggaga gtgcttcatt cagttcctca gtgagccac cattactttt 900
ggcacagcca tcgctgcttt ttatatgcct gtcaccatta tgactatttt atactggagg 960
atctataagg aaactgaaaa gcgtaccaa gagcttgctg gcctgcaagc ctctgggaca 1020
gaggcagaga cagaaaactt tgtccacccc acgggcagtt ctgaagctg cagcagttac 1080
gaacttcaac agcaaagcat gaaacgctcc aacaggagga agtatggccg ctgccacttc 1140
tggttcacaa ccaagagctg gaaacccagc tccgagcaga tggaccaaga ccacagcagc 1200
agtgacagtt ggaacaacaa tgatgctgct gcctccctgg agaactccgc ctctccgac 1260
gaggaggaca ttggctccga gacgagagcc atctactcca tcgtgctcaa gcttccgggt 1320
cacagcacca tcctcaactc caccaagtta ccctcatcgg acaacctgca ggtgcctgag 1380
gaggagctgg ggatgggtgga cttggagagg aaagccgaca agctgcaggc ccagaagagc 1440
gtggacgatg gaggcagttt tccaaaaagc ttctccaagc ttcccatcca gctagagtca 1500
gccgtggaca cagctaagac ttctgacgtc aactcctcag tgggtaagag cacggccact 1560
ctacctctgt ccttcaagga agccactctg gccaaagggt ttgctctgaa gaccagaagt 1620
cagatcacta agcggaaaag gatgtccctg gtcaaggaga agaaagcggc ccagaccctc 1680
agtgcgatct tgcttgctt catcatcact tggaccccat acaacatcat ggttctggtg 1740
aacacctttt gtgacagctg cataccaaa accttttgga atctgggcta ctggctgtgc 1800
tacatcaaca gcaccgtgaa ccccggtggtc tatgctctgt gcaacaaaac attcagaacc 1860
actttcaaga tgctgctgct gtgccagtgt gacaaaaaaa agaggcgcaa gcagcagtac 1920
cagcagagac agtcggtcat ttttcacaag cgcgcacccg agcaggcctt gtagaatgag 1980
gttgatcaa tagcagtgc aaaacgcaca catcaacca cagaccttag gaggaggaag 2040

gcgagggcgg ggtgacttct ggtgatgata aaaatggttt taccacccag atgtgaaaga 2100
agctgctgtt ttactgatcc attgaataaa cccattttta tagaaaaagt caataccaat 2160
tcagcaaaaa gaaaaaaaaa acatactact gaatataaag aaattttatt tgaaatagac 2220
tttacgtgtt tttttcttaa agaggagaaa aatattgctt gacggcaatt atatacccaa 2280
agtgatttgc ctgggtcctt taattcccat tagctttgga atctcagatg agcatagctg 2340
accagttcc caccattctt ccaaggatcc aaaagtggga atccagaccc caagtggaaac 2400
actgcaggct tacgaatctg tgggtccaaa attatttcat acgttgcaaa gctgaatctt 2460
cttgtcccaa tagagcttcc tgtcttttct ttggtgtgtt gttaaactct atttgtggac 2520
ttgattcttg attcttgcaa agtactgttt tgtgcagttc aagtttcgta caaataaaat 2580
acttaagtat atatatatgt gtgagttctg caccacacaca catagtgtat ataatatcat 2640
gggaaacact gaactggcaa attattcctg caacatacgc ttccagtact ttggttaactg 2700
aagttctcta ggatcctaata gcaacattaa cgtgaaataa gcccagtgtg atgtttttgc 2760
aaaccagggc tgttttccac agagagcagc caggccttcc cagcaggtct gtgcagagcg 2820
gacaggtctg tgagtcagct gacgcctgtg gcttcgccag acttgggtgtt aagcaacctc 2880
ctttgttgat gtctcaacag agctaaatcg gggccctctt gagctcaaag aatgaaccac 2940
atccacacgt ttgaatttaa tcatctaaat ctgaatgttt cagaacaaaa tttctgctat 3000
ctaaactgct tgaaactcaa taatagtgtc acgtttgaat gtcatacaca gcaatatata 3060
tatatgtgta tatatatata tatggcaaag caaaaaaaaa aacatggtaa gagagaatga 3120
aggagaacat tgtgtttgat tcttgctgaa tggcaccttc tcaaagaaaa tagggcttgc 3180
acctttgtta atcagctgtg gccagtgtt tctggtgttc attgtgtaac cttcaccag 3240
gaataggtga ggttttagga agttacatgt cctctgaaga aagaattaca ctctgaaaag 3300
taatgcttca aattgatttc cttacctttt gggaaaaaaaa aaaaattgtt tttttgcatt 3360
ctcccttgaa ttgacaaaaa tgtaactgtt ttcatttggg gaggggatgg ggtgctgcca 3420
tcattgtcgt tgttgttget gctgtagctg ttggggtttc ttttctgtt gccggggctg 3480
tttggggaga gggaggggag ggaggtggga gggccgcgga gatattcttc ctttgtaca 3540
gggcattctg tgttgtgaac ccagagctgg gtagaagctg cttttgtatt cagtgtgagg 3600
tggtgtttac agacgacttt gacaacagta gaagtgtact cagtgggtgtc tgtgtatctg 3660
aactatttaa tttcgtgtta tgtttatatg cagaaatatt tatggatact acaccaagtg 3720
tttatttatt gttgataaat atgactcttc agtcgtcagc catggtgtcc tttcaaatga 3780

ttctttaagg tccacttgag caatgaatag agtatattgg agctttcctg tggctaagaa 3840
gaagaaacat gtcactctgt tgccatcacc aagcacctaa ctctttctag gtaataaaaa 3900
gtcaac 3906

<210> 1428
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1428
ggacaacata ccaagacc 18

<210> 1429
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1429
acccaccaca aactgc 16

<210> 1430
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1430
gcacaccgca cctcct 16

<210> 1431
<211> 19
<212> DNA
<213> Homo sapiens

<400> 1431
gcttttctct ccccttcct 19

<210> 1432
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1432
gggaagcaag aggagga 17

<210> 1433
<211> 17
<212> DNA
<213> Homo sapiens

<400> 1433
ccgatactgg cacagca 17

<210> 1434
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1434
tacatacccc gattattgcc t 21

<210> 1435
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1435
tacatacccc tattattgcc t 21

<210> 1436
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1436
cgccctacaa cgtcatgggc c 21

<210> 1437
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1437
cgccctacaa tgtcatgggc c 21

<210> 1438
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1438
tcaacagcac catcaaccct g 21

<210> 1439
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1439
tcaacagcac tatcaaccct g 21

<210> 1440
<211> 2595
<212> DNA
<213> Homo sapiens

<220>
<221> Unsure
<222> (180)..(180)
<223> n = a, c, g, or t

<220>
<221> Unsure
<222> (370)..(370)
<223> n = a, c, g, or t

<400> 1440
tctagaccac cagcctggac aacataccaa gaccctgtct ctacaaataa atagataaat 60
aaatagacac tttttttaag tgtcaaaagt gcttggcact tagtagacca tcagtgttag 120
gtgctcatat ataccccgat tattgccttg tccagtgctc ttgtacaggg gttggagagn 180
aggtgttaag aaatgaccga atgggtaaat ggatgaacag aacacctccc tccagagccc 240
acatgctcgt gggcctctgg gaccactctc ctctcctctc tgettccttg agtccccca 300
gcatggcctc tgtccaggcc ttgcgtgcc tccaggcctt tgctgtggct actgccctg 360
gagcgccatn tccacagctc ctctgtggc tggctcctca tcaccagat gacctggtgg 420
gtgaggccac ctagcaagga gtcatgcctg tctgccttc tgactactc tctcatcacc 480
ctgccttttt tttcttttgt ggctcactg tttgcatgtc tcccccatg aggcaggggg 540
ccatgtgtgt cttattcact tctgtagcca cagcaccctg agcaatgctt gccacatagt 600
aggtgctcaa ttaatgttga atgaatgggc aaaatgcggg atggcgggac agagtctct 660
caaggcattc tgccagagaa tgtccctctg tcaccttgaa tccagtgtac ctccagatga 720
ctccccatt cctcctgta gttcatgctt ttctctcccc ttctcccca gacacggcct 780
accacccct ggcaaccaac atggccaact tcacacctgt caatggcagc tcgggcaatc 840
agtccgtgcg cctggtcacg tcatcatccc acaatcgcta tgagacggtg gaaatggtct 900
tcattgccac agtgacaggc tccctgagcc tgggtactgt cgtgggcaac atcctggtga 960
tgctgtccat caaggtaac aggcagctgc agacagtcaa caactacttc ctcttcagcc 1020
tggcgtgtgc tgatctcatc ataggcgctt tctccatgaa cctctacacc gtgtacatca 1080
tcaagggcta ctggccctg ggcgcctgg tctgcgacct gtggctggcc ctggactacg 1140

tggtgagcaa cgcctccgtc atgaaccttc tcatcatcag ctttgaccgc tactttctgcg 1200
tcaccaagcc tctcacctac cctgcccggc gcaccaccaa gatggcaggc ctcatgattg 1260
ctgctgcctg ggtactgtcc ttcgtgctct gggcgccctgc catcttggtc tggcagtttg 1320
tggtgggtaa gcggacggtg cccgacaacc actgcttcat ccagttcctg tccaaccag 1380
cagtgcacctt tggcacagcc attgctgcct tctacctgcc tgtggtcac atgacggtgc 1440
tgtacatcca catctccctg gccagtcgca gccgagtcca caagcacgg cccgagggcc 1500
cgaaggagaa gaaagccaag acgctggcct tcctcaagag cccactaatg aagcagagcg 1560
tcaagaagcc ccgcccggga ggccgcccgg gaggactgcg caatggcaag ctggaggagg 1620
cccccccgcc agcgtgcga ccgccaccgc gcccgtggc tgataaggac acttccaatg 1680
agtccagctc aggcagtgcc acccagaaca ccaaggaacg cccagccaca gagctgtcca 1740
ccacagaggc caccactccc gccatgcccg cccctcccct gcagccgagg gccctcaacc 1800
cagcctccag atggtccaag atccagattg tgacgaagca gacaggcaat gagtgtgtga 1860
cagccattga gattgtgcct gccacgcccg ctggcatgcg ccctgcccgc aacgtggccc 1920
gcaagttcgc cagcatcgct cgcaaccagg tgcgcaagaa gcggcagatg gcggcccggg 1980
agcgcaaagt gacacgaacg atctttgcca ttctgctagc cttcatcctc acctggacgc 2040
cctacaacgt catggctcctg gtgaacacct tctgccagag ctgcatccct gacacggtgt 2100
gggtccattg ctactggctc tgetacgtca acagcaccat caacctgcc tgetatgctc 2160
tgtgcaacgc cacctttaa aagaccttc ggacctgct gctgtgccag tatcggaaca 2220
tcggcactgc caggtaggca ggcaggagt ccctaggagg tgcggtgtgc gtgcgtgtgc 2280
tgggggacca cacggctcac ttgctgtggg gaagagtgc ggcaccattc tgcgttcacg 2340
tttgctgagg aggaagttca gaagaggctc tgtggctgca ttcagagacc agatctctgc 2400
tcacccgtga ggaggctcac cccagggagt gtctgaactg gggctgcctg gccacctct 2460
gtggccctgc ttcagcgagc tgcggggcac tggcctgggt gggcacctgc ccactgtgac 2520
caaccatcag cagtgtgga agaattggaga tctggatggg ggccgaagcc cagggccccc 2580
tcaggaagaa caaag 2595

<210> 1441

<211> 16

<212> DNA

<213> Homo sapiens

<400> 1441
cagcgggaaa ggaacc 16

<210> 1442
<211> 23
<212> DNA
<213> Homo sapiens

<400> 1442
cttcatagac acatacatat tgc 23

<210> 1443
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1443
atgacacccc aaactacc 18

<210> 1444
<211> 18
<212> DNA
<213> Homo sapiens

<400> 1444
cgtttggtca tttgatgg 18

<210> 1445
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1445
aaccttcaac gaaaggcctc a 21

<210> 1446
<211> 21
<212> DNA
<213> Homo sapiens

<400> 1446
aaccttcaac aaaaggcctc a 21

<210> 1447
<211> 2253
<212> DNA
<213> Homo sapiens

<400> 1447
cccgggaggc ggacgttgta gagagctgag atcgaccac tgcaactccag cctgggtgac 60

aaagcgagat tctgtctcaa aaaaaaaaaa aaaaaaaaaa aaactataaa caatggatgg	120
acaagaaaat catgctgggtg tgcgaagcta atgtgtttcc ctctcttcca gatgctggcc	180
aagaagagct gaaataagaa aacagcctag aacctaacac tatttactgt aaaaattttt	240
gcaccaggat ggaaggggat tcttaccaca atgcaaccac cgtcaatggc accccagtaa	300
atcaccagcc tttggaacgc cacaggttgt ggggaagtcac caccattgca gctgtgactg	360
ctgtggtaag cctgatcacc attgtgggca atgtcttggc catgatctcc ttcaaagtca	420
acagccagct caagacagtt aacaactatt acctgctcag cttagcctgt gcagatctca	480
tcattggaat cttctccatg aacctctaca ccacctacat cctcatggga cgctgggctc	540
tggggagtct ggcttgtgac ctttggcttg cactggacta cgtggccagc aacgcttctg	600
tcatgaacct tctggatgac agttttgacc gttacttttc catcacaaga cccttgacat	660
atcgggccaa gcgtactccg aaaagggctg gcatcatgat tggcttggcc tggctgatct	720
ccttcatect ctgggcccc acaatcctct gctggcagta cttgggttggg aagcggacag	780
ttccactgga tgagtgccag atccagtttc tctctgagcc caccatcact tttggcactg	840
ccattgctgc cttctacatc cctgtttctg tcatgaccat cctctactgt cgaatctacc	900
gggaaacaga gaagcgaacc aaggacctgg ctgacctcca gggttctgac tctgtgacca	960
aagctgagaa gagaaagcca gctcataggg ctctgttcag atcctgcttg cgctgtcctc	1020
gaccacacct ggcccagcgg gaaaggaacc aggcctcctg gtcacacctc cgcaggagca	1080
cctccaccac tgggaagcca tcccagcca ctggcccaag cgccaattgg gccaaagctg	1140
agcagctcac cacctgtagc agctaccctt cctcagagga tgaggacaag cccgccactg	1200
acctgtcct ccaagtggtc tacaagagtc agggtaagga aagcccaggg gaagaattca	1260
gtgctgaaga gactgaggaa acttttgtga aagctgaaac tgaaaaaagt gactatgaca	1320
ccccaaacta cttctgtct ccagcagctg ctcatagacc caagagtcag aaatgtgtgg	1380
cctataagtt ccgattgggtg gtaaaagctg acgggaacca ggagaccaac aatggctgtc	1440
acaaggtgaa aatcatgcc tgccttcc cagtggccaa ggaacctca acgaaaggcc	1500
tcaatcccaa cccagccat caaatgacca aacgaaagag agtggtccta gtcaaagaga	1560
ggaaagcagc ccagacactg agtgccattc tcctggcctt catcatcaca tggaccccg	1620
ataacatcat ggtcctggtt tetaccttct gtgacaagtg tgtcccagtc acctgtggc	1680
acttgggcta ttgggtgtgc tatgtcaata gcactgtcaa ccccatctgc tatgccctct	1740
gcaacagaac cttcaggaag acctttaaga tgctgcttct ctgccgatgg aaaaagaaaa	1800

```

aagtggaaga gaagttgtac tggcagggga acagcaagct accctgaaaa gtcaacaact 1860
cctctcgaaa gaacaatgac cacagtcaac atcctctgag gatgagcaag ctgattctgg 1920
tttgtatatt ttcaaaaaga agacatctca ttttgagtcc ttgaagattt ttgtaaaggc 1980
tcaagtttgg ttgccaaatg gaaggggcca tagctgcagc aattgctgac atattaaatg 2040
actcttgcct atgaccaagg ccatttgatg ccaggggagt ttgccaatga agtaaaggga 2100
taggctcatg gcccttcaca agaggaagca cactgggtaa caatgaacag tgactcaggg 2160
aacttatgcc ccttctgtag gaaacagcag agaccaggtg gaaacctttt cctgtggaaa 2220
cctgtcatag aattttgtgc aatatgtatg tgt 2253

```

```

<210> 1448
<211> 164679
<212> DNA
<213> Homo sapiens

```

```

<400> 1448
agaacacaca taatgattaa taattaagca tttattcaga tcattgtttg cttattgtat 60
gcctccccca tcagatcgtc agctgtatca tggcaggggc cttgtctgaa ttcacgtga 120
caaattctac atgtagccca tggcctggca catagtaggc actccataaa taggggttga 180
atgaatacat taatctggtg tgccacacct tgggctaagg tcttgagaaa caaagagaaa 240
taaatagtcc atcccctcag gaagctcaca gtctgattag agaaacatat atgtaaagga 300
atggttatgg aacaaaagga aagtgcaatg tgctttagaa acccaggga ggggaccagg 360
tgtggtggct cacacctgta atcccagcac ttggggaggc caaggtggga ggatcacatg 420
aggccaggag ttgaaatca gcctgggcaa cagagtgaga cctcgtccct acaaaaaaat 480
ttaaaaatta gctgggcatg gttgttcatg cctgtagttc cagctagtca ggaggctgag 540
acaggaggat caaaggagcc caggagtttg aggctgcagt gagctatgat tgtaccactg 600
cagtcagacc tgggcaacac agtgaggcac catctctaaa ataaataata ctagcaataa 660
taataataag aagaaaaaga agtagtagga gaagaaacc agggcagggg acagaggatg 720
ctgcctgggg aggccggtgc agtggcactg agggtgagga tggatcttgt caggcagagg 780
acacagggag gcaggggctg tgcattccag gccaaggcac agcacaggcc cagcaaggag 840
ttgtgagaag gaatggtggg cagcgtggaa tggctgcaat ggatgagaat ggatggaagg 900
taggacctg tgagcaggag gtcaggggag ggagcaggtg tgccactgac actctttctg 960
cctgcacagg taaagcaaat gaaattgaag gactcgcgca tcaagctgat gagtgaatc 1020

```


ctgaacggca tcaaggtgct gaagctgtac gcctgggagc ccagcttcct gaagcaggtg 1080
gagggcatca ggcaggggtga gctccagctg ctgcgcacgg cggcctacct ccacaccaca 1140
accaccttca cctggatgtg cagccccctc ctggtgagggc ttggcacagg gctgggtccc 1200
tgctccagg gctctgggtg cccaggcatg gccagggctc attggactct accctgacac 1260
cacctccacg ctgctcaggt gacctgatc accctctggg tgtacgtgta cgtggacca 1320
aacaatgtgc tggacgccga gaaggccttt gtgtctgtgt ccttgtttaa tatcttaaga 1380
cttccccca acatgctgcc ccagttaatc agcaacctga ctcaggtaac cctgggtagg 1440
gctgggggct ctactggagt tggaacaggc tgttgggggc agggaagggt cacttagggc 1500
aagggataat cagggggagt tattggattc agggaagggt gctagcatta tgaagagcta 1560
ttcaagggtg aatgaggtca ttaaggtcag gggtcatttg gagtcacagg tggtcaggtc 1620
gggtgtcttg aaacctgagt tctgtagata gcctcctctt accaacctgg actttctctt 1680
tgggcagtgg gagccatgga agactcagtc gtgggaggga cccagtgct agtgtctggg 1740
ccctcagggg gtccctgccta gcccaggatg ctggggatgg ggcgagggtta ggggttgggg 1800
gttgggaaag tacagtctct agggctgact cacatcctcc cgtaggccag tgtgtctctg 1860
aaacggatcc agcaattcct gagccaagag gaacttgacc cccagagtgt ggaaagaaag 1920
accatctccc caggtctaga gagccccctc ctgggctgcc tgccccagtc cttgctccag 1980
aaaaacctct gtttcaagct tttcctttgt tctctcctga ccccttttct tcttctctg 2040
ttcacatctg cttegactct gacctcctcc ctcttcggg ttctctgctc tctctgccc 2100
tctccacag ggtccccac atccctttct tctcccttt tcccaaggat cccctcccca 2160
tggeccaggc tctccctg tctcctttc cctgcccc cagcctccct gcaggctacc 2220
ccatcccttg agtccctcc ctgacctgc ccaccttggc cctctcaggc tatgccatca 2280
ccatacacag tggcaccttc acctgggccc aggacctgcc cccactctg cacaggtaac 2340
agcttctccc actccctcc cagctgcca cgggtgggtg gaagttcaga tcaatagcag 2400
caccctgcaa agcctttgac caagaatgca ggaagagctt cagcctgcca ggggggtgtc 2460
tggaaggcg gagggcttgg ttctgcaggc ggagggttgg agacaaaac cctgatccct 2520
gcctctaact ggactcctgg ggtccttgcc cccagcctag acatccaggc cccgaaaggg 2580
gcactggtgg ccgtggtgg gcctgtgggc tgtgggaagt cctccctggc gtctgcctg 2640
ctgggagaga tggagaagct agaaggcaaa gtgcacatga aggtgagaga ggcaggggct 2700

cctgggcagg gtgtggggct cagccaggcc ttgggcaagc cccgaggtaa atttctcctg 2760
tggccagggc tccgtggcct atgtgcccc aagggcatgg atccagaact gcactcttca 2820
ggaaaacgtg cttttcggca aagccctgaa ccccaagcgc taccagcaga ctctggaggc 2880
ctgtgccttg ctagctgacc tggagatgct gcctgggtgg gatcagacag agattggaga 2940
gaaggtagag agtcctcttc catccctaag aggctagggc atagagctgc ccacctcaac 3000
ccagcccagg tccatatatt catcccttca ttcacacatt ggtgtaacgt tatgcccac 3060
tctgtgccag gcactgggga aacagatcta ttagcagatc tgtttagtga acaagtagga 3120
actattgaat attctaggag ccaggctgaa ggctgtgca gggtagaggg agggcacagc 3180
agggagccta cataaggaag agcatcactt ttttttttct tttctttctg agataaggcc 3240
tactctgtt gccaggatg gagtgccatg gtgacatcat gggacgctgc agcttggaac 3300
tcctgggctc aagtgatcct ctgcctcag cctcctgagt atctgggacc acaggcacat 3360
gccaccatac ccagctaaat ttttaatttt ttttagagac agcgtcttgc catgtcgccc 3420
aggctggctc aggagatcct cccaccctgg cctccagag tactgggatt acaggcatga 3480
gctgctgcac ctggctgagc atcacttttt ttttttagac agagccttgc tctgtcacc 3540
aggctggagt gcagtggcgc agatcatggc tctactgcaac ctccacctcc cgggttcaag 3600
caattctcgt gtctcagcca cccgagtagc tgggattacg ggtgcgcacc accacacttg 3660
gctaattttt gtgttttttag tacagacggg gttttgccat gttggcccat ctggtcttga 3720
actcctggct tcaagtgat ccccgccctc agcctctcaa agtgctggga ttacaggcat 3780
gagcaccgtg cctagcctta agcatcactt ttgacctcag ttttaacaac tgaggaggag 3840
gagctcatca tgtatctgtt cattcattta ccatatatat attaagcacc cactctattc 3900
tgggaaatag tatacagtag tgaatactaa aatgccgggc taatatctct accttcatat 3960
agctcacatt ctagtggcag gaagagataa taagtaagat aaataagtag aatatataat 4020
atgttagata aatgctcagt ggaaaaaata aagcggggaa ggaatacagg aatgcctgca 4080
gagttgaatg gtttaaggtag cttgggaaat cctcactgag aatcagagaa ctcaacaaag 4140
agaccgagtg agccttgtct ggagccagaa agctctgtct ggggccatgg aaccctgtat 4200
ggggtcttgg agttctctgg catgactagg agttgggaaa tggagggaaa agatagagag 4260
aggcagaacc ctgattacct tgggttaagat tttggccttt actctaaaaa acatggaaca 4320
ctggggaaaa tttggggctt tgctttttta caatttttaa ctgtggtaaa aaccacacat 4380
aacataaaat atatcatctt gcccgcatg gtggctccca gcactctggg aggctgaggc 4440

agggtgatca tttgaggtaa ggagttcaag gccagccttg ctaacatgat aaaaccccat 4500
ctctactaga aatacaaaaca aattagccga gtgtgatggc gtgtgcctgt agtcccagct 4560
actcaggagg ctgaggcagg agcattgcgt aagcccagga ggcggagggt gcaatgaact 4620
gagattgatt gtatcactgc attccagcct gggcgacaga gcaagactct gtcttaaaaa 4680
aaaaaaaaag aaaaaaaaaac ttaatcattt cttagtgtac agttcagcaa tgtaagtac 4740
atttacattg ctgtgcaacc gatctccaga accttttcat cttgcaaaac taaaattgtg 4800
cctattaagc aactcctcat tccccactgc ccctaggccc cagtaaccac cattctattt 4860
tctgttccta ggaatttgac tacttagtat cttagtccat tttctattgc ttataagaga 4920
atgcctgaaa ctaggtaatt tataaagaaa agaaatgtat tttgtacagt tacggagggt 4980
gaagagtcca cgggccaggg gctgcatctg gagagggcct ccttggtggc ggggagtctg 5040
cagagtccca aggccataca gggcatccca tggcaagggg accgagcatg ctagctcagg 5100
tctctcttcc ttccttctt tttttttttt tttttttttt ttttttttga gacaaggctt 5160
cactctgttg cccagactgt agattggagt acagcggcgt gatcttggct cactgcaacc 5220
tccgcctccc aggttcaaac gattctctt cctcagcctc ccgaatagct gggattacag 5280
gcgcacgcaa ctacagcccg actaattttt gtatttttag tagagatggg tttcaccata 5340
ttggccatgc tggctctgaa ctctgactt caaatgatcc acccacctcg acctccaaa 5400
ttgctgggat tacaggcatg agccaccacg cgcgacctca ggtttctctt tctttcttat 5460
aaagccaccg gtccactcc cccagtaacc cattcacgca tcaacctatt aatccataaa 5520
tggatcaacc attcatgagg gctctgtttt catgacctaa tcacctggta aatgccaccc 5580
ctcaatcctg ccacactggg gggttaagttt caacatgcac tttggaagga acaaattttt 5640
caaccatata acctaggtac ctcacgtaag tggaatcatc cagcatttgt cttttcgtga 5700
cggtcttatt tcaacttagca taatgtctc aaggcatatc catgttgtag catgtgtcag 5760
aatttcctc cttgtaaggc tgaatgatat ttcattatag gtatatacac atttgtgtgc 5820
ccatttatcc gtagatgggt tgggcaggac accaagctgg gcagggtggg gaccaatgga 5880
gcagaatggc ctcacctgcc ccaggaggac ttacccttta cctctgtccc tcacagcatt 5940
gcagggacag actaggcccc atgtgaaata tagattcaga agactgctgt tctggtcagg 6000
cacagtggct cacacctgta atcccagcac ttactttgg gaggtgacg tgggccaatt 6060
gcttgagctc aggagttgga gaccaggtg ggcaacatat ggagattctg tctctataaa 6120

aaataaaaca ttttagtcag tagccaggca tgggtggcct gcaatcaatc ctagctactc 6180
gggaggctga ggcatagaaa ttgctcaaac gcgagaggca gaggttgacg tgagccaaga 6240
tcgcaccact gcactccagc ctgggtgagt gagaccccat ctcaggaaaa aaaaaaaaaa 6300
atctgccatc ccaaataaca gtggacaggc cgttgtctcc ctgtgcctgt ctgaccccat 6360
ttttccacc cccgcctcc ctccaggga ttaacctgtc tgggggacag cggcagcggg 6420
tcagtctggc tcgagctgtt tacagtgatg ccgatatttt cttgctggat gaccactgt 6480
ccgcggtgga ctctcatgtg gccaaagcaca tctttgacca cgtcatcggg ccagaaggcg 6540
tgctggcagg caaggtagag cctgccagag gctaaggggg ctaaggtag atctgaggcc 6600
cgaagagaga gctggtgaga ggctgagggg tttggatgag acttgagggt gtggggggcg 6660
caagaagtgg gcatgtgggt tgggcatcag gagaaacctg tggggacaac tccccacct 6720
gcgaggttct gagcaggctg tggcgagcac agggtagatc acccatgtgc ctgtccaagc 6780
tccctggcac atgggcacac ttcacactca ctctgtggct ccgtgcctgt gccaggggtg 6840
tgctggaggg tggtaggggt gagagcctgc tgccttctcc ccagacgca gtgctggtga 6900
cgcacggcat tagcttctg cccagacag acttcatcat tgtgctagct gatggacagg 6960
tgtctgagat gggcccgta ccagccctgc tgcagcgaa cggtccttt gccaaacttc 7020
tctgcaacta tgccccgat gaggaccaag ggcacctgga ggacagctgg accggtatct 7080
gccatcctgg gccctctgat tcccatgcct tccagcatt cccctgtct ggggtctctg 7140
agtgtgtcta gactggccta gtgttggtcc aggcagggtc tgggaaactt ggccatctg 7200
tgtgacagtc accagaggta aagtaaactg gacatagtcg ggtccactg cctcctccat 7260
cctactctac cctaactgtg ggaactcaga tctccgccc cggtctcaga gcctgttttc 7320
tttctttctt tctttcttct tttctttctt tctttcttct tttctttctt tctttcttct 7380
tttctttctt tctttcttct tcttcttct tcttcttct tcttcttct tcttcttct 7440
tcttcttct tctttcttct tttctttctt ttttcttct tttctttctt tttttcttct 7500
tgaggcagag tctggctctg tcgccgggct ggagtgcagt ggtacaatct cagctcactg 7560
caacctctgc ctcccagggt caagtgatc tctgcctca ggctcccag tagctgggac 7620
tacaggcatg cgccaccacg cctggctaata ttttgatatt ttagtacaga catggtttca 7680
ccatgttggc caggatggct tcgatctctt gaactcgtga tctgcctgcc tcggcctccc 7740
aaagtgctgg gattacaggt gtgagccacc ttgccgatc tcagagcctg tttccatct 7800
gttgaaagca taggagggcc caggcccagc ttgtgtggca aggtgcttc atggataaat 7860

agtttgcaa	gtatgcaagt	gcttagcaaa	gccgcttatt	tatcaaccaa	aattttattgg	7920
acaatcacta	tatacaggca	ctgttccaga	cactaagcta	tagcagtgag	caaacaaaaa	7980
aattatagtc	ctcatggagc	ttgttgacgt	ctctgggctc	acaacatgcc	cctggctcct	8040
tgttgcccag	accagctcc	ccagcccca	attctggatt	ggctcacaga	ccttttctg	8100
ggctttcttg	cctatggcta	tacatacagc	caacgtgcct	tgagcattta	ccaagtgctg	8160
tgccctcgc	tcacacactg	gacacatttt	cttttaagcc	tacagtcatg	cagatttttt	8220
tttttttttt	ttggggacag	tttctcactc	tgttgcccag	gctggagtgc	aacgggtgca	8280
tcttggtca	ctgcaacctt	tgctcctgg	gttcaagcga	ttctcctgcc	tcagcctccc	8340
gagtagccag	gattataggt	gcccgccacc	acgcccggct	aatttttgta	tttttagtag	8400
agacgggggt	tcaccatgtt	ggccaggctg	gtctcgatct	cctgacctcg	tgagctgcct	8460
gcctcagcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accatgcccg	accaaggacg	8520
tgagttttaa	gctcagccag	tctaactcca	gagcccaagt	tcctaaccct	tgtatttgag	8580
tccgtttctc	cataatttgt	gaagagagtt	tttcttggtg	cttaacccaa	gtctttcttg	8640
ttgccctttc	aatccccctc	attttatatt	catgcttgct	cattgaacct	ctttcattag	8700
agtggggaat	gggagatacc	aggggcttgc	agggagaact	agctgaacct	tatctccttc	8760
ctcccaccct	actgcagcgt	tggaagggtc	agaggataag	gaggcactgc	tgattgaaga	8820
cacactcagc	aaccacacgg	atctgacaga	caatgatcca	gtcacctatg	tggtccagaa	8880
gcagtttatg	aggtgagttc	ctgagagctc	ccagccctcc	cggaggctgt	atcaggcctc	8940
cccaggccct	gccagatggg	gtgcagggtt	ctccctgaca	ctcccagcct	ctgtcctggg	9000
gggtgcttga	ggccccctcc	ctgggcctga	ccagctgcct	ccacagacag	ctgagtcccc	9060
tgctctcaga	tggggaggga	cagggtcggc	ctgtaccccg	gaggcacctg	ggtccatcag	9120
agaagggtgca	ggtgacagag	gcgaaggcag	atggggcact	gacctcaggag	gagaaagcag	9180
ccattggcac	tgtgagtcgg	tggggcaaga	ggggctggag	gggatggaca	ggcaggcccc	9240
agcagcccca	gggtttatgg	agtccctgt	ccctgactgc	catggctgct	ccctacaggt	9300
ggagctcagt	gtgttctggg	attatgccaa	ggcgtgggg	ctctgtacca	cgctggccat	9360
ctgtctcctg	tatgtgggtc	aaagtgcggc	tgccattgga	gccaatgtgt	ggctcagtgc	9420
ctggacaaat	gatgccatgg	cagacagtag	acagaacaac	acttcctga	ggctgggcgt	9480
ctatgctgct	ttaggaattc	tgcaagggtga	gcttgtgggg	gtgtccagaa	ggggctccaa	9540

tatcccttct tctctgggct gccaggcccc ccaaaccgtg cccttgcac caagcctccc 9600
taaccactc tgggtcaacc gtgtctctga ttctgccct ttgtgccgc tcaactagtc 9660
aggtgagcca gcgcctctg ccttctccaa cagggttctt ggtgatgctg gcagccatgg 9720
ccatggcagc ggggtggcatc caggctgccc gtgtgttgca ccaggcactg ctgcacaaca 9780
agatacgctc gccacagtc ttctttgaca ccacaccatc aggccgcac ctgaactgct 9840
tctccaagga catctatgtc gttgatgagg ttctggcccc tgtcatcctc atgctgctca 9900
attccttctt caacgccatc tccactcttg tggatcatc ggccagcac cgcctcttca 9960
ctgtggcatc cctgccccg gctgtgctct acaccttagt gcagggtgtg ggtgggcgtg 10020
attccagtgt gggcggtgtg ttattggggc ggggcaacac atgggcgggg gcagcagggg 10080
tgggacactt caggccacca acattacaga gttttgttag gggcagtcgt tgcttaacat 10140
ttatgttagg ggagccatta cttaacctct ttgaaactca tttgcctcac ctgtaaaata 10200
gaatgactca tagaccttc tcatggagt ggtgagagaa taaaatgaaa tagttataca 10260
ttgtagctgg cactgggact ttctgttggt cttttttttt ttgggggggg ggggacggaa 10320
tctcgagtct cgctctgtcg ctccaggctg agtgcagctg cacgatctca gctcactgta 10380
acctccgct cccaggttca agcaattctg tttcagcctc ccaggtagct gggattacag 10440
gcatgcgcca ccacgcccag ctaatttttg tagttttagt agagatgggg tttcactatg 10500
ttggccaggc tgctcttgaa ctctgacct caagtgatcc gccacctcg gcctcccaa 10560
gtgctgggat tacagggtgg aaccaccata cccggccttc ctggtggctg ttttttgata 10620
aaacattgtc aacagtttgg gacacattat cctttccttc cttttatata tatctaaaca 10680
tacgtgtatg catgcgttta acatagatga gttgataacc ttcagatata gctaactgta 10740
aaaggccttt gcagacactg aactcctgtt ctgtaatgaa ttagtcagtt cccggggata 10800
gatgctcaac acctgggtat agcgaccatg atctaggctg tgctctgtgc tgggctaggg 10860
gagaatcaga tagacatcct gtatagcctg gatatctgag gccacagagg agaggatgga 10920
aactggaggc agagccgtgt tgttggtggg ttgaagcaga gatgatcaga gggagggagt 10980
gaatgacaca tcaaggcccc aagtcttggg tccttgaggg tgggggaagg cagcgatgtc 11040
tcgtgggtgg agtgaggctg gctgggagga ctcatctgaa aatggatgag ttcagagaca 11100
ggcaggactg agttgggggt tccatggccc tgaccccaaa ctcttctcc ctccatcagc 11160
gcttctatgc agccacatca cggcaactga agcggtgga atcagtcagc cgctcaccta 11220
tctactccca cttttcgagg acagtgactg gtgccagtg catccggggc tacaaccgca 11280

gccgggattt tgagatcatc agtgatacta aggtggatgc caaccagaga agctgctacc 11340
cctacatcat ctccaaccgg tcagaagccg cctccctcgc tccctgctcc tccaggaatt 11400
cccagcaggc tctctggtgt tcagggtcct tgtccctcct tccccctaag cagaaaactg 11460
gccctgccct gccctgccc catttctcc tcactctgat ccccataggt ggctgagcat 11520
cggagtggag ttcgtgggga actgcgtggg gctctttgct gcactatttg ccgtcatcgg 11580
gaggagcagc ctgaaccggg ggctggtggg cctttctgtg tcctactcct tgcaggtagt 11640
aagggcctgg accccagggc agggccacca ctgggacaga aaccacacag gtgttcagg 11700
catctccga gtgccctcc ctgctcagta tgggcaccag ccacagggtc tgttctcaag 11760
gactgtgaga aaaaaaaaaa aagaaaaaaaa tcattgagtt gacaagtta taaccacaca 11820
ccatggctgg atgttcctac ttctctccc caagaagccc atgttctcac attcagaaag 11880
aattctgttg aataatctct gtctcaaac cccacatctc tctctgctc agccgtcgac 11940
cttgctgac acctcacagt tcaactggag agacccccat cagcaggaga ttgtgctgca 12000
ggctgagcag gtctttgtgg ctggagaaac aaaatgtttt aaaagcccag aagagggact 12060
gggtgcagtg gctcacacct aatcccagca ctttgggagg cggagggtggg cggatcacct 12120
gaggccagga gtcccagaac agcctggcca acatggtgaa accctatctc tacttaaata 12180
caaaaattag ccagccgtgg tggcgggcat ctgtaatccc agctactcag gaggtgagg 12240
caggagaata gcttgaacct gggaggcaga ggttgacagt agccaagatc acgccactgc 12300
actccagcct gggtgacaga gcgagactcc atctcaagag agaaaaaaaa aaagtccaga 12360
ggagttttct tgctttgggg tgttgtagaa atgatcttg agcttagccc caaaggacaa 12420
acagaatttc tcttgctctt gggcaagttg taggctcatg tgacaggtea ggacagtgta 12480
gggtggcat accgctcgct cacgttcaca tgcttgca gaacgtacac agacgagggtg 12540
actgaagcct ggtctgcagg tcaggcaggt catcctgatg ccagcttgta ctgtcaaaga 12600
gtcacctaac tgcaaacgga atttttgtaa agcagatcac attgttaata cctcagggtg 12660
ctcaaacctt gaacgcgttg gcaaacaaaa aacaatccag aaagggtcaat ttccacaaag 12720
gtcagtgtgc acatgaatct acttgtaaa atgtacattt tgattcagta gacctaggat 12780
ggggctcagg actctgcact ttgatcaaga ctcttggt cgcaaagtgt ggcccatggg 12840
ccagttgcat caccatctc tgggagctt ttagaaatga agaactctag gttccaagtc 12900
ccacctcaga ctacagaatc cggcgttgca ttttaacaag attctctggg aagtcttata 12960

catattaaag ttggagaaac agaaaccaag gcgaggtggt ccttggttaa gtctgcactg 13020
tactgcccc agggagtcac tcgtgattac agccccagct ggcatgcctg tgggcttgat 13080
ccaggcccac ctgggtcatc catgggctag gatcccatgg atgggcacac gatccaggag 13140
tctgaactcc tcccaaagcc attacggtgg ggaggggaga tcgccatacg tataaccag 13200
tccctttggc caggtgacat ttgctctgaa ctggatgata cgaatgatgt cagatttggg 13260
atctaacatc gtggctgtgg agaggggtcaa ggagtactcc aagacagaga cagaggtggg 13320
tactggcatg agcccgggac agggggaatc tgaagtagct ggggaagaaa gcttggtggc 13380
tctctctccc tcaacatcag ggctgccac gtatggggct cttcattcat ttacccattc 13440
actccttact gagcatcaac caatgctcta tgctaggagg ttagagaga tcagagttga 13500
gcaagacggt gtttgccctt aggtgattct gatttggtgg gaggggtaag acctattgca 13560
gggctttgca gtggatgacc agatctctgg cgtgggtgcac ctggagaggg cagatgaggg 13620
agatccttca gctggggtga ccaggggaga cgagcttaga tgagaaggat ggacaggctt 13680
tgatagacta agtaagatgg tggggtgggc agtggaagg tgagcattcc agccaaagag 13740
accagcctgg gcaaaggagt ggaggtgggg cagcatgccc tttgttgggg aaaaggagtt 13800
gttccctact gggggttcca gacttttctc caccgcccc tctcatggtc acaccttagc 13860
cctcttcatg ccagaagct gcagcatcag tgtcaagcat cccatctttg gccacgctc 13920
ctatctgct cgctctcatg ctccaagtc cccactgtca cagcagtctg ccttcatggtg 13980
gactccaat cccatgacct cctttgtgt ctctgtccat cagcttctct gccttcacct 14040
ccctccccgg ccagcctaga gtctatgctc caccaacaca aacgctctca cctgccttgc 14100
ccttctcttt cttctctctc agttgtactc acctccaaaa cccaccccag ctgagcccac 14160
caatctgcct tcttcatgcc tgactgagc acttaaaacc ttgcaggagg cggggcacag 14220
tgactcatgc ctgtaatccc agcactttgg gaggccaagg tgggtggatc tcttgaggtc 14280
gggagttcaa aaccagcctg gccaacatgg tgaaaccca tctctactaa aaatacaaaa 14340
aaatagctgg gcgtgggtgg gcacacctgt attcccagct acttgggagt ccaaggcagg 14400
agaatcgctt gaaccaggc ggtggaggtt gcagtgagcc gagattgcgc cactgcacct 14460
cagcctggat aacagagtga gactctgtct aaaaaaaaaa aaagcttgca ggagaaaaat 14520
cactgagttg acaagtttat aaccacacac cagggctgca tgttcctgct ttgcttcccc 14580
aagaagcca tgttctcacg ttcagaaaga attctgtga ataactcttg tctcaaac 14640
ccacatctcc ctctgctca gccatcgacc ttgctgaca cctccataaa aagtaggttc 14700

taagacgtga actccctcaa ccttctgcc tctcagtctt taaacccgcc tgtgtctcct 14760
tcaccgttgt ctccctttca ctttttagcag gaatcatccc tttctgtttc aaagcccagc 14820
ccctccattt cttctcatgg ccgcttgagg acctggcttc ctcagtcccg ccctccatct 14880
cctgtcattc ttgtccctc tgttgagcgc ttcccatcca catgcaaaaa tattccatca 14940
catcttccat tccagacaca cacgcaaacc ctccccctg cactccactg ccccatcttct 15000
ctgtctcct ctgtcatgaa gcatggttta aagtatggc tctacaagct gcatccgctt 15060
cctcatcagc cttgatgtca tctgcctcct gcagtcctct ttctggcctt cgtccacgg 15120
agacagctca ccagtgcct tcttggttcc aaatccaggg gacgcttttc tgttctcgtc 15180
taattcaacc tcttagcaac gtcccaataa aatgacctct cccttcttct tggagtcctc 15240
gtggattccg tggcctgcat tgcacccgcc agtccacctg cctgacccca gcctggcttc 15300
cccaggcatc accctctggc ccctcacccc tcaactgtctg ggagcttcca gttccctgc 15360
ttcatgtcta gcagcccagt tcctgcatgg ataccatgc tcctgtctct gtatcctata 15420
aatgtctgcc ctcaacccca cggcccgttc tctgacgcct ccttgagaga ccaatctgtg 15480
cctgtctctc tgetttttca cctctggcgg cgtggtttct cctgcctcga agcagggtg 15540
gtccacagg aatagtcaca gcgtcccccac tcccgaaga actgcgcgtt tagagtaatg 15600
ctctgccgtc agtgccctga cattctccat cattcttcaa caagaagcct caggttttca 15660
ttttgcactg ggccctccaa attatgtagc caatcctatc tcaaagccac catcatctta 15720
tgccctgcc gtctattctg cttgtagctg ccaagagatt taaaaaaaaa aaaaaaaaaa 15780
atcaaatcac gtcattctc tgtgtacagc cctctaattg ctttgcatct taatcagagt 15840
taaaaaaaaa aaaagtcctt aaaatggcct gcaaggccct acatgatgga gccaccatta 15900
cctcagcctc ttacctcttg ctttgccag tgtgtccag aacacaccta gagccattta 15960
tgctgtctgt tccctctgcc tggcatgcc tccctccaga tatccactg gcttgttccc 16020
tcacctctt cgggtcttta ctaaagtctg cctctccag gaagccttcc ctgaccaccc 16080
tgtataaagc agcaacacta agcattctt ggccccagca ctcatcactt cttgcgttgt 16140
atagatttgc ttatctgttg attatatgcc tccctctact agaacataaa tctcacgagg 16200
gtgaggactg tttcaatggg gtaccattgt gtccccactg cctggcactg ggctgccacc 16260
cagtaacaat gaatgggtaa aggtaatgag agggggagtt agggcaggca gggagggcac 16320
ttcaaggaat ataaggtgtg gcacagtggc tcacacctgt attcccagga ctttgggaat 16380

cctcctagggc aggaggatcc ctggaggcta ggagttcgag accagcctgg tcaacacagc 16440
gagacacagt ctcttcagag tttttcttta aaaaattagc caggtgtggt gacacaggcc 16500
tgtagtccta gctaatacagg aggctgaggc aggaggatgg cttgagccca ggaattcaag 16560
gttgcatgta gctatgattg caccactgca ctccagcctg agtgacagaa caagaacttg 16620
tcacagaaca aaacaagtta gccaggcatg gtggcatgtg cctgttgtag tcctagctac 16680
tagggaggct gagggaggag aatcgctgga acccaggagt tcaaggctgc aatgagccat 16740
gattgagacc ctgtctctca aaaattaaaa aaaaaaaaaa aaaggaacat gggcaagcag 16800
ggagactggg aggggaagga caggggagtg ttggagtagg tctgtgggga ataaagtcag 16860
agggataaag gagtcattga acacaaggct gagccacagg ggtgccaaag accctcccag 16920
ggaccatagt tggggaggat tgaggggcct tgggggagag agaccgaaag gtgaaagagg 16980
gcttctactgg gcagctgatg tgaccccatc tgccctcct gccaggcgcc ctgggtggtg 17040
gaaggcagcc gccctccga aggttggccc ccacgtgggg aggtggagtt ccggaattat 17100
tctgtgcgct accggccggg cctagacctg gtgctgagag acctgagtct gcatgtgcac 17160
ggtggcgaga aggtacgctg ggggtaggcg ggcctgcgtg tgtgttcatg cctgcagaca 17220
tggccacagc ccttgtgggg agcttgggtc ttttgagagc acaagtgtc cagccacatg 17280
tttgttcggc ctccaggaga gtcctggaga tgccgctttg acctctcagc tteccctca 17340
gagccccttc ccttctccgc ccaggtgggg atcgtgggcc gcactggggc tggcaagtct 17400
tccatgaccc tttgcctgtt ccgcatcctg gaggcgcaa agggtgaaat ccgcattgat 17460
ggcctcaatg tggcagacat cggcctccat gacctgcgt ctcagctgac catcatcccg 17520
caggtaggag cctggcatgg gctggccaca ctaccaacg gccctggagg caggcccccac 17580
cttgttctgt agctttagga tggagactgg gaccccagtc tcagaggctt gggcaggtgg 17640
ggagggacag acagcaggaa gcagagccat cagtgagcca cccgtcatgg atctggaaag 17700
ctcagactta ccctgcccag tcaggccctg tcctttgacc tcctgggcca gcacatgggg 17760
aaggaccct ccaagaacct ctccccga gacattctgc cctggtcttt ttgcgcagct 17820
ctaattacat ttcacttttt ctgtctctc cggggtatth tttgtttctg ccgagtggac 17880
actttggagt cagattagt gctctggttc ctgcttcaac agaggtcttc gtgattggca 17940
aagctgaggt ttatcactcc cctacaggca atttctctatc tctttggcca ttgtgtctc 18000
tggggagctg gaaacagagt gggaatgctg ccaccttaat ccctctcttc ttccctggac 18060
ctggggccta tggctcctca tagggcctaa gctgcctccc tctgaggcca cgttgatatc 18120

ccaggacccc atcctgttct cggggaccct gcgcatgaac ctggaccctc tcggcagcta 18180
ctcagaggag gacatttggt gggttttga gctgtccac ctgcacacgt ttgtgagctc 18240
ccagccggca ggcttgact tccagtgtc agagggcggg gagaatctca ggtaaact 18300
gggagtgcag aggtcaggaa ctgcaaccct ccctgggaaa ccctggcggg tgctgggaaa 18360
cctgacacca atgacacaga gatgaggcca gcccgatgt gcacagggct gtcctttcgt 18420
attgagcata ttccgtgtgc caggcatggt gtactgcccc gccgactcct cacacaagcc 18480
ccagcgggtg tccatgatcc cacttcaccg gtcagggaac tgaggctcag agatggtaaa 18540
gggttgacc taagttgcac agctgggaga aggcaggctc gggatttgaa ccagctctgg 18600
gagattccaa aaccctttga ggaagccctc tcccctccag agctttctta cagccccaga 18660
ttttatgtcc tcagccactg ggctatgcac tggaggggccc agtagtcacc tcttactgag 18720
tctaaaggtt ggagatacct atacctgtgc tagctgtgtg atttggggct agttgcttaa 18780
cctctctgtg cctacttttc tttcactcta aaaggcagat aataacagtc caaacctctt 18840
tgcattatgc tgccaataa aaaacaaagc aagtcatgca tatgaagcta atgttttttt 18900
cttatagcca cactttttta aaaggaaaaa caagcaaat aaactgtaat actataactt 18960
atttagccca atatatctaa aatattattt caacacatca ttgatataag tattagaaat 19020
atattgctt tcttcctaca agtttgaaat ccagtgtata tttcacattt acagaatgtc 19080
tcaatttga ctagtcacat ttcaagtgt aatagccaca tggggccagt ggctaccacc 19140
tggacagagc agtgtaggg tcagtgtgat gacaggaaaa gcgcttcgct tggatgctcc 19200
tgtaaaatgt cagcttttcc cctcctccct tccctccatc ttctcctcct cctcctcctc 19260
ttccctattt tcatttttat attcagtcca tactcatgca ccctcccag acctcaaaaa 19320
ctaaaacaag gccaggcaca gtggctcacg cctgtaatcc cagcacttta ggaggccaag 19380
gcagggtgat cacttgaggg caggagtcca agaccagcct ggccaacatg gtgaaaccct 19440
gtctctgcta aacacaaaaa ttagctaggc gtgatggcgg gcgcctgtaa tcccagctat 19500
tcgagaagcc aaggcaggag aatcgcttga accctggagg cggaggttgc agtgagccaa 19560
gatctacca ctgcactcta gcctgggtga ccgagcgaga cttcgtctca agaaaaaaaa 19620
ctttacattt gccagcact taacaatatt caaagcactc tggcctccac tttctccttt 19680
aatctttacc atggtcctgt gggccagaaa cgagcctcca cggtttgaaa tgatttcctc 19740
gcagcagttc agctggtaag gggcagagcg gggactctgg ctctgtccca aacctttcct 19800

tgctgtatca cagccacctc cctcacctgg acaacattcc ccaaggcccc tcattatccc 19860
aagggtggga ctcccttgcc acccacgcag cccttaagac taaatatgca tcttaagtgg 19920
ctctcactta cataaccacg tgggggtggc tggcggacaa acatgggtctc tccagaccct 19980
gtgccccatg actgtctctt gcttgatcca ttcttctcac ctgcttgctc tcaacacttc 20040
ccccagagca tgccccaccc cgacacatgc cgtgatcaga gacagaaatc agtcccccctc 20100
ctccctcact gagcttgtag ccactttaag tataacctgt gtctgtgcc agttccacca 20160
taaatacagcc ctgagttcta tccggcggtt tattctgctg ccaaaacctt cattagttgc 20220
gggaatgggc cagggagaga gcccggactt tactccggct gtggtgactc acgcctttgg 20280
gaagggctga ggtatctgtc cttggatgtg gggatgctgt ggctctggt tgggaacaca 20340
gcctcgtttt gtctgctggc tctggcttcc agagcaggag gctgaaggcg tgtgtcctgc 20400
tcctccttta cctcctcagt gaccagacac aaagagtcct cgggtgttcc tctgccctgc 20460
cattttcttg tcccagaagc agagccctgg cctgtattcc ctatggggtg ggaggtgact 20520
gcctgaattg tgtgatatta ggctcagcaa gatggcatcg tgtggcctat ttgcaaatat 20580
ccaagaagag ccatgcaagt atgttcttac taagggtgaa atggctgata gagtgaagca 20640
gagaaacatc acggcactag ctgaaaagca aggatgggga agaaagcacc gagagaggag 20700
gccaaggggtg ccaagagcag accagggatt tcacaatgcc ttttagcact ggctcattcc 20760
ccaaggcccc tcattatccc aatgggtgtc agacctctgc tccgttctgg agggctgggc 20820
tgtggcagaa atgggagaag tcagacagaa aaccagtcct gggccactga ggagtgaac 20880
aggtctggga atgaggccca gaggcagggtg ggaggccccc agctggaaat gcctgccttc 20940
tccactccca gcgtgggcca gaggcagctc gtgtgcctgg cccgagccct gctccgcaag 21000
agccgcatcc tggttttaga cgaggccaca gctgccatcg acctggagac tgacaacctc 21060
atccaggcta ccatccgcac ccagtttgat acctgcactg tctgacctat cgcacaccgg 21120
cttaacacta tcatggacta caccaggtgg gacacggaaa cctgagcaat ggggaacctg 21180
gtggggccac ctggggcatc aggaatggc agggcagatt agggttatct gaacaaggca 21240
atgttcctgg gattgctagg gcatggcagg cagagcagag tttcccaaga tctggataag 21300
gggcagacca gagtggggtg gcctgggctc aggggtgggg tatacaatga cattttcatt 21360
tttcttcttc ttcttctttt ttttttttga gacagagttt tgctctgttg cctaggctgg 21420
agtgcagtgg ctactgcag cctcagctc tcgaagtact gggattacag gcgtgcacca 21480
ccacatccgg ctaatttttg tatttttagt agagacgggt tcaccatgtt ggccaggctg 21540

gtctcgaact cctgacctca agtgatccac ctgtctcggc ctcccaaagt gctgggatta 21600
caggcgtgag ccactgcgcc cagcttcaac aatgacattt tctaacacat ggggaagggc 21660
acactgggct ccacaggcac tgtctttgtg cacaggccac ttgcatcctg cctcctccat 21720
gaggcaatgt aaggggaact ggaggcttca tgctgagtcc catcacttcc taagaaacct 21780
gctggcagag tgctgcatg tccctcacct tattggtgtc tcacagccac tctggtcaca 21840
gatgaagaag caactcaagt ggcagctgga ccgtgacagc accatgagga gctgagcctt 21900
gtggggagag cactgtgtct ggagtccag gctgctgtgt gaccctgggc aatttgcaaa 21960
acctttctga gcctgtttca aatgaaaatg atgcttcgtg ggattgtcgt agtcaatgag 22020
ggctgggcac agtggtcac acctgtaatc tcagcacttt gggaggccaa ggagggcgga 22080
tgacttgagg tgaggagttc aagaccagcc tggccaacat ggagaaaccc tgtctctact 22140
aaaaacaaaa caaaacaaaa caaaaacaaa aatttgccgg atgtggtggt gcatgcctgt 22200
aatctcagct actcgggagg ctgacagaga attgcttgaa ctgaggaagc aaagattgca 22260
gtgagccaag attacgccag gacactccag tctgagtac agagtgagac gttgtctcaa 22320
aaaaaaaaaa aaatggtggc caacgcggtg gctcacacct gtaatcccag gactttggga 22380
ggccgaggca ggcagatcat ttgaggtcag aagttagaga ccagcctggc caacatggtg 22440
aaacctgtc tctactaaaa atacaaaaat tagcctctca tgtggcaggc acctgtagtc 22500
ccagctgtc aggaggctga ggcaggagaa tcacttgaa cccaggaggca gagtttgccg 22560
cactgcactc tagcctgggt gcagagcgag actctgcctc aaaaaaaga aaaaagtcaa 22620
tgaaagatat ttaaactgca ggtgatcctg ggaaatgaca gtgtcctccc cagcccttg 22680
ctctaattct tgcgctaggc cctccaagga tgaggggagg ggccatgccc tcagaagctt 22740
gtggcttcct tggagaggca gaccactccc tcattgtgcc agatgtcaaa gtgtggtgct 22800
ggaggtcgag gagagagggc tgggtgactc agaagcctca cgggagtga ctggccctgg 22860
cctggcaggc tgtgtccct agaaactaga ggggaggagg aggcaggagg ctgagacaag 22920
tcttctttga aggagtatag tgggaatacc ccaacaggcc ttcactcact caagaaacac 22980
ttgcaggacg atggagtggg aagggtgcca tggacagggc aatgggtcag acctgtctct 23040
cttggaaagt ccccatgca gccagcagt tcttgggagc caagctgaga atgcctgatg 23100
ctaccctctg tctgttccat ccctctccta ccctacccc cactcccat ttaggacccc 23160
actgggagaa gggaggggtg gcaggaagtg ctgagccctg ggtttgagg agggacaggg 23220

ctgggctgag aggacctgtt cccaggccta accaaaactg ttctattcac cagcagccct 23280
aggggtgaggg gcttgatggg accttgaggg ttgggagttc attcattcta gtggaacagg 23340
cagaaattaa tcaaataatc atgtgtaa atggggccata ggaaggacgc aaaggcctgt 23400
gtgtgcaggc cagaaaaagg ctatccacac aggggtggcca ggacactttc tcctgtaagg 23460
aagggatgca ccagccaggc ctgaaagaat gagtaagagt tggaggatgg aggtggggca 23520
ataaggtagg gagcgagctg aaaattgcag gcaaaggata taacacatgc cccaaggcag 23580
gagggtagag gaggctggag tgcgtgggag ggaggcagta gaaccaagat gggggtggag 23640
aacaggccgc actctgctgc actttgagga ccatgggaga gcattcagtc cttaccaag 23700
agcaatcaaa agccgctgaa gaccttgatt ttggagtcag gggtgggagc ggcgggaggg 23760
gagggggggc ggtggccagg cagtgatgtc acagacacag tccttcccag gacacatctg 23820
ggagcccagt aggtgagaa ccagaatgca gtcagcccc tcccatggag gagcacttct 23880
ccaggctggg gagagcccct tcccctctg ccgtaccctg gtggagccag cccactggcc 23940
ttgtaccagg tgcactcggg gagtggttgg tgggagattc taaccctggg ctccaggccta 24000
gctgtttgtg tgtgagctgg agaccaccg agcagcagca gcagcagcag cagccgcagc 24060
agccgccacc agatttgcag cccaagcccc agattccagt gtcagcctcg ctgcagctgg 24120
tttctgcccg tgtgcttttg tgagccgaca caaagcagat ggatgtgcac agagcccagc 24180
gcacaggccc atggctccct gcgcacagcc tgctgaagtc ctgtgacccc ggcaagggga 24240
agggctcatt aggggaaggtt ttcagagccc tgactagcag agatgaatag gaccttgtgt 24300
ttgatcccag aaactgcttc acttgccaga actaacagaa tggctaaaat aaccagcctt 24360
gcaagtgtgc acatgtggtg cgggtggctgt gttgggtggg ttggcatgtc actgtgggccc 24420
tgagcaagta cccagaagag caggattaga cgatgtgacc aggtcagggc tgatggaaac 24480
ctgaccactt ctctcttttt tgactagggt cctggctctg gacaaaggag tagtagctga 24540
atgtgattct ccagccaacc tcattgcagc tagaggcctc ttctacggga tggccagaga 24600
tgctggactt gcctaaaata tattcctgag atttctcctt ggcctttcct ggttttctc 24660
aggaaggaaa tgacacaaaa tatgtccgca gaatggactt gatagcaaac actgggggca 24720
ccttaagatt ttgcacctgt aaagtgcctt acagggtaac tgtgtgaat gcttttagatg 24780
aggaaatgat cccaagtgg tgaatgacac gcctaaggtc acagctagtt tgagccagtt 24840
agactagtcc ccggtctccc gattcccaac tgagtgttat ttgcacactg cactgttttc 24900
aaataacgat tttatgaaat gacctctgtc ctccctctga ttttctatat tttctaaagt 24960

ttcgtttctg ttttttaata aaaagctttt tcctcctgga acagaagaca gctgctgggt 25020
caggccaccc ctaggaactc agtcctgtac tctgggggtgc tgctgaatc cattaataat 25080
gggagtactg atgaaataaa actacatggc caacagtata tacacagtag tctttttgca 25140
cttggtcaca aggtttgggg attaggatct ttggaggagg ccaagaggaa gactttctac 25200
acatgtacat ggttgtagtt acctgaactt cagacccaag agctcttggc tgcaaatatt 25260
gccttcacag ccaaaattcc ctgggtaatt gccagtagct cctgctctgc tgtgcagata 25320
ttgtaaaacg gtgagaaagg ccctgaaatc tgacctgggg cctcttggga aagctgctgt 25380
gaacacctcc acgttaatgt catccctcag ccctctatgc ctgtttctct agggactgag 25440
aagtgcata tgcttttact tccttgctca ttctgaagtc tgttcagac agttcctata 25500
accagtggag cctccaagtc attcattttc ctcagtctag ccaaagctga atgtgtgagc 25560
acaaagaagc cgagaggcca cctcctgccc agagagaagc caccacact ccaggttg 25620
cagacaagat gtgaggggtg aattaaattt gttttcttga gcaagccaac aaagagtttc 25680
ttttctgcag gtcagagtcc acctggctgg caccggcctt ctatttgga tggatctctt 25740
ctccttggtc ctaagtgtc tggctctctc tgtctcgtc tcatttctc tatcttggtc 25800
ttggtatgat gtgagtggct gtgggtgatg gtggttttct cccaaccct aaatggcttg 25860
cagtagatat ggatggaggt ggatcctttg actggttttt tctatatgct ctgggtcagc 25920
ctgtgctgca ggaccatttg ttaaagggtt atcacatttt tttggcaggc tgtttctgcc 25980
caggatgttt atgagtatat ggaagatgac ttccatcctt gtgataaagc aagtatgaaa 26040
gcacaaatgc ccaaattatc ctgcctctcc ttggtgctaa gaaaaggctc ctgctatgct 26100
ctctgattta ttaggccaat ttggcttgac gtctgctttg tgaggtgcta gctggcctga 26160
accaacagaa aagcagactc attcagcatc agtatcagct aaagatctgg aagtgtgaag 26220
ctgtgtttcc tctcctgtct tgggactttg cttctgagct cattgaggcc ctgacaggtg 26280
ctgacaactc aaaggagagg ctcagttggg taaagtaaag aggataatca aaaaatgtgg 26340
ttaatagggg atgacctcca tctaactggc tcagctactc cagggaatg aagccgactg 26400
cgtgaactgg aaggaaagac gccgcacaaa atatccgtcc ccaggtgcta ctgacagggt 26460
atgaacggga tgtggaggag gctcaggtgg agagagggcc cttctaattt tcctgcagag 26520
cttctggtct ctgggactgt ccaacaattt gaaccccta tgattagaac tgtagtgtg 26580
tttaggaagc caaatgaag gcatatagga tcggtcagtt aatatttaatt ttaataata 26640

cttggtatgt ttgaacagtc agcaatgcac aaagaaaaaa tcttcagtga atgtttacac 26700
acagtgtgaa cacatgcttt aaatatgcag tggaggagga ggggtgaatt cacagttaac 26760
aaagctaaaa aaaaaatcct tggtataaat tacacaaagc atataaaaat atttctctga 26820
atgcatagat taagacttta aactcaccta ccagcaactg tgcagtctta ttccactgcg 26880
atacgcagta gtcagttgac cacagaggat ttataaaagg agaagagaga ccagcatagg 26940
acagagatac atcaaaccce cctctcacca gagacaccag tcccttgctt gcctctgctg 27000
ctaagcccag aacatgccct gcagctgctc ctctggaggc catctcccag ccaggggctc 27060
cactgctcca ctttaattaa tctgggtggc tgaaagtgtt ttaaccaag taacttaaga 27120
catgaattaa tagtgaattt atttctctca ggacagaacc agacttaact ttattagtaa 27180
actgtaactg ttttagaagt aaagaaaaaa aagggtacta catctagtta aattcacttc 27240
cgattgggtg aaacacaagg gaggggctgg gccgggtggc tcacacctgt aatcggagca 27300
ctttgggagg ccaaggcagg tggatcactt gaggccagga gtctgagacc agcctggcca 27360
acatggtgaa accttgctc tactaaaata cagaaattag ctgggcatgg tggcacatgc 27420
ttgtaatccc agctacttgg gaggctgagg caggagaatc gtttgaacct gggaggcaga 27480
ggtttcagtg agctgagatt atgccactgc acttcagcct gggcaacaaa gcaagactcc 27540
gtctcaaaaa aaaaaagaaa agaaacacca gggagggttc ttctttaag cacttgagag 27600
aaagagggtg ataagtaacc ttcactctgc tatgcaaca ctgtacaagg gtgagtaagt 27660
caccagcagt aattggtggg atacaattaa gtcactaaac agagtgagtc catgaagtta 27720
gccttgaaaa acatctcaac ctcatctcag catttaggca gcagcaggag gccattatct 27780
tagcacaaca ttctctctg ttgacatctt ctgcacgttc tcaactcaact gtagtgttct 27840
aataaaatta agttaacaca gtttaggaagt tgagtttctt tggaaactat aggcactatg 27900
gggaaaaagc ttcttaagac agcagggatg ctcttcgaca gctggcttca aaccctgct 27960
ctctggttg tctaagtgtg ctagtcttta tttctgaagt taagctgttt gtttcaacaa 28020
aacagtggct gctcttttaa cattaatgac actgaaggaa aggaaaagaa tccttgaatg 28080
cattcttcta aaaaattcct atgccatact caagagctta atcaggtgtt ttgttctat 28140
ttttcagaac aaagtctgg agactcataa ctgactttgt gaagtgaatt ggtggtagta 28200
gtagggggat cactaagatc aaacaatttg ttacaaaag caacagattt cagaattgtg 28260
taaaaatcct aataatttca aaataacctt tatttttgat acaaaaataa agatgctaac 28320
tccttagct cagtttccca caataacctt taaaatagca acagattcag tctcaaaaat 28380

tgcttttcat ttgtagtga aaatgaaagt ggagaacatg gaacagcaat atttgtgctc 28440
ttctcatagg atgcagttac acacacatat gactggaatc acttcagagt aaaaaaaaaag 28500
tggtgctgggt gcagtggctc acacctgtaa tcccagcact ttgggaggcc aaggacagga 28560
gcatcactta aggccagaag tttgagacca gcctgggcca catagtgaga ccctgtctct 28620
atgggctgggt tgggggtggg gggcattgta aaaaagcagt tgttctttta gaaggcatca 28680
gagagccctc tagtgaccac gaaggggagt taatgcagag atgactcgag acagagaagc 28740
agtcatgagt gtttacaag gaaaaagtga gggaggga gctcttttgg ttaacagcat 28800
atttacaatt agttaactgt attcttaaact acttttaacc tgagtaacat ttataaatat 28860
gttataggaa acctcacagt cacaagtcac actagaatcc atctgtccag tatctgtgct 28920
ttccccacac cagaatccat ctgtccagta tctgtgcttt cccgagtctt cctctctcat 28980
aagttcccaa tgtcagcaga gttgtgagca tgcaacacca agaaaaacgc atcccagccc 29040
ttcaggtgca ctgtcaacag gagtggctag aaataggctc cgctctctct cagctgctgc 29100
ttagacaact ctcttacatt ctggacataa aacacactgg atatagaacc ttcagcttct 29160
gcctctccag accacttctc agctgttcaa agcttcaagc aataggttta ctgtgcacca 29220
agaggcttgg aagagtggca ccactgcttg ggggtcaggg gcttcctacc ttggcagaat 29280
gatgttagta tatactatgc agtggcacca gaggccctcc cgggcatctg aggcatttag 29340
atcaatggct tgccttggc ccagaggtga tgcacactgt cataatactc agtgataaaa 29400
gtcctgctg cattagtaag tcagttttga agctctcctg ttatagcaag gcctttcagt 29460
cagtgtggat gcagcatctc tgaacagaaa attattttca cttatcatca gaaccagttc 29520
cagctcctgg aaatcttggg gtcgagcaac atccttgtcc taaaacaaaa atatgttaaa 29580
cagattaaca ggagccactt gtctccatat gtttggtgca ctctattgat accagtatct 29640
tgtcttattt caaacctag aagaaaaaaa aaaatccctg tggcaggcta agtcagtgat 29700
agtgcacta aggccccagg atgattgggt tgcaaatgg aagtccttaa aaacagctca 29760
gcagctgca cagcatgagc acacactgcg aaggagagg caatgcacag atcagtttcc 29820
caggtgccct gagaagccag aagcctgatg tcaaaaaccc agagatgtat gaaggaccac 29880
acatgcatct atgtgatttg ctctgtaact gaacttgggc cttcacttgt aaaacagaag 29940
gcacatctag tagtgacta agttaatcct cacagctcac tacagaaacc gaaaatagga 30000
acacgtgaat gataattcag aaacttctct ctggtatcaa cttccaaaaa tgccagtgtg 30060

gctgggtctga atgcaatggg gtttacaact agtttgtaag actgtaactg gccaaacacc 30120
agttacagat gtctttgttc cttctccact ccactgcttc acttgacttg ccaaaaaaaaa 30180
aaaaaaaaagcc agtgtcccta tagactcagt agaaggaaat gattacattt ggaaaatcac 30240
tctttgctcc ttttctattc tttgtttatt cctcaacta cctcatataa ccaaggaggg 30300
ggctaggtat ttttcaaag caaaaagcag ccattcatgc ttagactttt cttaccttcc 30360
ttaacagagt attgggtaac tttctgatct tctccacttg atctggatta acaccagct 30420
cacagcaaca cactctgagc aactcttggg aggtgagctc ctgtcgggcc agttcaattt 30480
caatgaaatc attttctcga agagatgggt tctgaattct caccttgagt accagctcta 30540
gaaaaaaaaag gagaaatgtt aatgaatagt tctggcacag cacagcccat gttgtttaag 30600
atcttttcca gaagatgggt atacttaatc atgccaaagg tctgtgcatg attaacagac 30660
ctgtttgggtg ggaaaaccaa gtgcagccag cagggtttgc tcaggcccag ctctgcctct 30720
gctggggcag tttctgcac tgtcgtccgt acttctaagg ctatggttca caaagtaaga 30780
gcaaggcagg ggaaaccatt ccagctatgt agaaggataa tttacttctg ccattggagc 30840
taaggaggca aagtcttaag aacagggttg ggtatcaaac tatacatgaa caggggaaga 30900
gggaagaagg ttggaaagaa ggcatgggca ggatgtgagt taccctaaaa agatttaaca 30960
attatggacc taaaggtatc tgtaaaatat gaaactcctt gcaaaaaaga cagtaaaaga 31020
gccaaatgac aagctactaa taaaagctaa agtataactt gatttgaatg tagcacacct 31080
tcatgaggaa ggggtcttgg cttattattc ataggtctgg gatctaagca atctgctcct 31140
ttattctgaa cctggctgcc aagacagcct gagtcaagca ccctgtacat ttggcagttc 31200
tgctttgttc cctgtatatg aatcccttgt agcaccacag gtcactgtta gcacctacag 31260
tagtaactcc tcaaaaacag gaagtgagag agttacttcc aggaaaaaag gaaaagtaag 31320
actagctaca ccctatggca tttgactgga tttggaagaa tcaggatgaa cttgtggttt 31380
ttaatathtt taaaaagtta tacatagaga aatattgata tctttcctgg ctatgtcctc 31440
tcaacggggc tagaagaaat gatatactg tagcaatgag gacacctagt gaccacatcc 31500
tggtgtctga ataccattct cgggtggccc aagtgggagg caagtttgct gtgtgcccta 31560
aataccattc tccacaaaa agaaccaggg cttcttggag aaatgactga ttccagggtt 31620
ggggcaggaa aagttatgct ataagcccg aacatcttgc tgccccagaa agtaaggcag 31680
tgctccaaga acaatgaaga cacatgaag ggacataaga actagcttca aggggtccc 31740
actggccaaa tctgggataa tttgaataat taaaaaatga tagtaacaga ttataacca 31800

ctgaataaaa taagaatata tgagtcaata ctgatatgaa tgaaggagaa gggaaagccc 31860
ttcttttacag taaaatacca actaataagt agagaaagaa tgatagaaaa tcatatccca 31920
caaaaataat tggcctggac tcttcaaaaa gatcaagatc aaaaatgata aagggtaaag 31980
attccagatt aaaggaaact aaaacaacgt gataactaca tgcaacatat gatcctgggc 32040
aggatgcagg gggcagagga gtacagatag tccagataga tatcaatagt acagatagta 32100
ctatttctgt aatagtacag acagtacgta tagtagatga gggaatacaa aaggcaatgt 32160
ttgagacaac tgacaaaatt taaacatggc ctatggatta cagaacagca ttagctcaag 32220
attacatttc tcaaatttgg tcatttgtac tgtagttata taagagaata tccagctggg 32280
tgcggtgatt cacacctata atctcagcac tttgggaggc tgaggcaggc agatcactta 32340
aggtcaggag tttgagacca gcctggccaa catggtgaaa ccccatctct actaaaaata 32400
caaaaaaaaa aaaaaaaaaa aaaaattagc caggcgtggc ggcatgctcc tgtaatctca 32460
gctacttggg aggctgaggc agaagaatca cttgaacctg ggaggcggag gttgcagtga 32520
gccaagatca caccactgta ctccagcctg ggtgacaggc cgaagctacg tctcaataaa 32580
aaaaagagag aatatacctt ttcttaggaa agatataatg gaaagaatac tgaagggtat 32640
cagggtaaaa gggcaaaagg taaacaattt gtgaatttga gtaaaggag ttccttatgt 32700
tagtcatgta acgtttctgt aagtttgcaa ttatacccag aatacctcat taaatccac 32760
ccctctggac accaactccc ctgttgcaaa ggctgtttgc tgatgagggg ttaccttgca 32820
tattaaatgg aatgctcca gtgaagaaaa atggctggaa tgctggcgct ggtcctgcat 32880
acgtccatt ttgaggctcc agagacattg gtggcttga cgggacagaa gaaaacaggg 32940
agcggctctg actactggt ggctgacaaa caggaccgg ttttgtgctt tctggtgttc 33000
tgagtatggc agagggggcc gacacatcac cattctgaac tagtgccaaa gaggtgtggt 33060
cccggggaaa ggtccctaac aggggaggtt cccaggggg aagcaatgga ggtgagccat 33120
ctgcaggggg tgatgcaggg ggtgtggagg ggccttcatt ctgcatctgg gctgaatcct 33180
ctgctgtggg tgtatagata aaagggaagg ctgggttggc caaatagttg ggaacaaagg 33240
gcagttctga ctcttcttc agctggggga ggtgtcatc atcatcatca tcatcatctt 33300
cttcttccac ttaaaaagaa gaaaacagaa catttacaca gtcctttcaa aattatcaaa 33360
acaaggtgtc ttttgaaagt ggtgtctttt ggtatgtgac attggtcagt gtcaggctcag 33420
aagaaaaaag aatacttcat taggtttatg attaccattt ttatcattat cttaaatctt 33480

acaaataaaa aaataaaacc ttacaatgct gacctcccca gaaacaatct ggaattacta 33540
tcttggcaca gtaatttgct tttagaaata gaacagttgc cgggagcggg gcctcatgcc 33600
tgtaatccca gcactttggg aggctgaggc tggcggatca cctgaggctc ggagtttgag 33660
accagcctga ccaacatggg gaaaccccgct ctctactaaa aatacaaaat tagcgagacg 33720
tggtggcaca tgcttgtaat cctagctact tgggaggctg aggcaggaga atcacttgaa 33780
cctgggaggc agaggttgtg gtgagccgag atcacgccac tgcactccag cctgggcaac 33840
aagagctaaa ctccgtctcg gaaaaaaaaa aaaaaagaaa gaaatagagc agttgtttga 33900
ccagcattaa gaacgtagcc aataatacca caagtcttca atgagtctga ggaaatcaaa 33960
agttcccca aacacagact cacctcccat aatcttctctg atttctctcc ttgatgttaa 34020
ctggactggc atttctcctt ttgtggtaag aatctctttg tcagctcctg attttaacag 34080
gtaagagacc acctgaccat ggtttcgttt acatgccag tgtaaacaag tcctgtacca 34140
aagaaaataa tgattgaaaa agaggagaag tgattttgga tttcagattc taaacattag 34200
taaataatgt ataaacaagc ctgtagagt tcagctagaa ccaggtaacc gggctggtaa 34260
tctcaacttt tcacaaagcc gatgagcaaa atatttaata tgcttaaatt ttgttttta 34320
atttcatttc tggtcctga gaaaaactaa cttaacctag gagttttaat ttcaatagcc 34380
tccagaaggt aagctcactg gctggctaac tccaatgata ccgtggaata tactctatca 34440
gtatcgctca ttagatcatc tcagtctctg aaacatattt ttctattgct atattccttt 34500
tcagggacta tggaaactca ctcatatgc cacctgaaga ttcaatatta tcaggataat 34560
aaccatctcc tatcagcagc ttgctctgtc acttaaatta ttattatgac agcagatatt 34620
cttgctgaa tcccagttgc tcactttctt tttccttctt acttttctt ccttaacaca 34680
cacacaaagg atttcctaat ttccattttt aaaaagttgg cttctctagt tctctccaga 34740
aggctacaaa catatcctca tctgcgtaaa tgtaaggcac tgcacacata ctttaattcc 34800
tgaggctactt aaaaaatata catcaacaac caaaattctt cacgaacagg ttcttctaac 34860
atatcagact catttaagta aaactaatca ctcaatattg tacacagagg aagcaattct 34920
gcacactctg aagggtact attttaatac tgtacagaaa cataattagc atgccagcaa 34980
aaactccatc ttaacagaaa tgaaagattc agagcaacta aatccatccc taggtgccag 35040
agctgactgt atattatgga aggaaaatac ttttcgcctg tgttttgaaa ggtcttcttt 35100
caccaactct ctaactgaac tgagatacat atcttcagag ctcttatagc caaatacaga 35160
aatgaagatt agaacaaatg ttcaatattg aaggtagtt cactaacctg ggaagtataa 35220

ttatttggaa agtttatatg attccaggaa aaagctgatt tgccctgggc ttaacattag 35280
taacttacag aaagtttagca tgtctggctg gctgggagca attccattga tgtctcagag 35340
tgacattcta cattatgggt cattagaatt agattatcca ggttccttta aggtgtattc 35400
catgatgcaa tgacaaaatt attgctaatt tgggaaaaat aagagtctcg ttaagtttgg 35460
gagagaagag tcttgatcaa gctccctgaa ggcaaggaag tgtttgcttg gcatgtatta 35520
attaatattt actgaatggg ccaggcacgg tggctcacac ctgtaatccc agcacttagg 35580
gaggccaagg caggtggatc actttagggtc gggagtttga gaccagcctg cccaataggg 35640
tgaaacccca tctctactaa aaatacaaaa attagtgtga tgggtgcatgt ctgtaatccc 35700
agctactggg gaggtgagg caggagaatt gcttgaaccc aggaggtgga gggtgcagcg 35760
agccaagatt gtgccactgc acttcagcct gggcaacaca gcaagactcc atctcaaaaa 35820
aaaaaaaaagt accaatgag taaactaagg ataaagtga ccttgcttga agtagaagga 35880
tccaatctac ccttgattct gggcaaactg gaaccttgag tgtgtttgtg tgtggatgtc 35940
tgtggcacag gcttaaaaag tgaacaatta taatgataag tgagccctca aaaatgaatg 36000
aagcatgatg agaaaaatat gctccctttt ggaaataaaa tgctcacttg ctagtagtag 36060
atcacttggt cgtggcaagc ttgagagtaa aggaggtaat ttactaccag tgggtctgag 36120
agactctggg acaaaccaac ttgctaaact accacccatg taaagcaggg ttaagtcaac 36180
atagcgtggc cccacagcc ctgtgcctta gtgatcatca tttaccgtcc agagctgtgc 36240
ggctctgggc agccataact cagagcccct gcagccagggt aatattttca agttcttcat 36300
gaaccaagggt ttatgcatga cacttgaatt acaactgatg tgggggaatg attagtatc 36360
aatctaattg atagattact ctatctttga acttcaactc cttaagcttt acatttgcag 36420
tcaaaatâtc ttattagtgt cagaaactat ttcagacctg aggcactggg tgtcattcat 36480
caacagggca tcactcattg gtgctgaaat tgtgattact gagcaactaa gacttgaaag 36540
cagtcaccat tctgctttgc aaatgcaaga gtagctgtt ttttgagggt aacctatat 36600
tccattatct agcatattgc ttcataataa gaaaacaaca acaatggcta atacaggat 36660
aatgctttac gtgttgaca ttgttctaaa ggcattacat gtattaactt atttaacct 36720
ctaaacccat gaggtaatat tactgtcaac attccccca ttttacagaa gaggaaacag 36780
acatcagcaa ataaataagc aaagcacgca gtacgtagg tgggtgatgaa gtatgacagc 36840
aatagtaaag cagggaagg cattagggaa tgacagagg tggaaagggg cattgtgcaa 36900

ctttaaattg agggcccagg aaaagccttg ccaagaaggt gacatctaaa ctaaaatctg 36960
aaggtggtga ggaagcaaac catgtgatat ctggaggga agcatttaag agagtggga 37020
gacaaaacgc aaagatcttg aatcaggact gtctggtatt ccagagaaag caaggaggcc 37080
aggggaaaaa ggtaagcaga agggcaaadc ccatgagatt agcacagagg taaggaggga 37140
agatgtgggg acaggaagta gaaattgtag gaccctgtag gcttttactg agtgagatag 37200
gagccatttt tgagcagagt gaaatgatct gacttatgtt ttaagtcagg atccctctga 37260
ccactgtgtt aattaagaag actgtatgat ataagcttag gagcaaggac actagtagga 37320
ggctattgta ataatccaag caagagaaac aatgggtggct ttgtatcaga ggtgtagtgg 37380
tagggttagt gagaagtagt cagattctga ctgtatctga aggtggagct catagaattg 37440
gctgactgga tgtcggctat gaaagacagg aggcaagcag gaggcaagca gggcgccaag 37500
ggttctggcc tgagcactcc tgagaggctg aggactcaga ggagcaggct tgagggtgga 37560
gagggatgag gggagacttg gaattcaatc ttggacatgt tgagtttgag gggcctatta 37620
gacagttcct ccaattaaat ctacaagagg ccgggcgcgg tggctcacgc ctataatccc 37680
agcactttgg gaggccgagg cgggcagatc acctgaggtc aggagttcga gaccagcttg 37740
gctaacatgg tgaaacccca tttctactaa aaatacaaaa aactagccag gcgtggtggc 37800
acacacctgt aatcctagtt acttgggagg atgaggcagg agaatcgctt gaaccagga 37860
gggtggaggat gcagtgagct gagatcacgc attgcactcc agcctgggtg acaagagtga 37920
aactccatct caaaaaaaaa aaaaaaaaaa aaaacctata agaagcctct tcaggctacc 37980
tcagaatcac ttcactaaac acctcctatg gggcagacat tgtgtttagg agggtaggtc 38040
tggcatcaga taccaggttt gttttctggc tccactagtt actgtcaatc ctatgacctt 38100
gggaaggggc actgtgaaaa gtgaggaaac aacttacggt ttctgggcct cagtttcttc 38160
atctgtaaat ggagagaaca gtaactatgt cccaggtag ttgtgaaca gctaacacat 38220
gtaaaacact tagaaccta tctgagctgg ccgggcacgg tggctcacgc ctgtaatccc 38280
agaactttgg gaggcagagt caggcgatc acaaggtcag gagatcgaga ccacctggc 38340
taacacggtg aaacccatc tctactaaaa atacaaaaa ttagccgggc gtggtggcgg 38400
gcacctgtag tcccagctac tcgggaggct gaggcaggag aatggcgtga acccaggagg 38460
cagagcttga agtgagcaa gatggcacct ggcaccactg cactccagcc tgggcgagag 38520
tgcgagactc tgtctcaaaa aaaaaaaaaa aaaaaagaac cctatcctat ctgtgctgca 38580
aagcaagttc aataaatgtt agctatttat gcttcactc attaagggt cacaatactc 38640

ttctggaaca agtagaaaat gaagcatctc aggcaaagtc ccatagctag gcaggaatgg 38700
aggagaacct gcaggaaaga ccaggctcct tctacacaac accgcctccc agtgccaaaa 38760
tggttaattca cagctttgaa ccagaggaat gctgagaaaa gggtacatac acaacagcaa 38820
gtttgcaaag acctgtaaaa aaaaaaaaaa acagaacaaa aaggtagtat ccaactgtttc 38880
ctggccttct ggacagctgt ccaggctgtt ttcttttaggg aaattaggta gaaaaaaatt 38940
tttttttgag actgggatct cactatgttg ccaggctgg tctcaaactt ctggactcca 39000
gtgatcctcc tgccttggcc tcccaaagtg ctgggattac aggcgtgagc caccaggtcc 39060
taccaggaag atagactttt tttttttttt tttttgagac agagtctcgc tctgccacca 39120
gcctggagtg cagtgggtg atcttggtc atttcaacct ccaactccct ggttcaagtg 39180
attctcctgc tgcagcatcc caagtagctg ggatgacagg cacacaccgc taccctggc 39240
taatttttgt atcttttagta gagacagggt ttcaccatgt tggccagaat ggtctcgaa 39300
tcctgacatc gtgatctgcc caccttggtc tcccaaagtg ctgagattac aggcgtcagc 39360
caccgcgcca ggtccaggta ggtagacttt tgaggcagtc tggaaaccat ggttctggtg 39420
ctatcatatt aatagttatg tggcctaggg caagttattc tctgtggtg agcctctctc 39480
cattgtccct ttcagttcca aaatggatga ttccacttaa aaaaacaaaa tgtaaaactca 39540
cttttttttt tttttgaggt agagtcttgc tctgtcgcgc aggcgtggagt gcagtgggtc 39600
aatcttggtt tactgcaacc tccgcctccc aggttcaagt gattctcctg cctcagcctc 39660
ccaagtagct gagactacag gcatgcacca ccacgccag ctaatttttg tatttttagt 39720
agagacgggg tttcatcatg ttggccagga tggctctgat ctctgacct cgtgatccgc 39780
ccacctcagc ctcccaaagt gctactcact ttaactctaa gctagcaaaa tagtctggct 39840
aagcattacc tgaatcaaaa ttttaaattt taaatgcaga gagcggaata atgccacatt 39900
cagtaacttt ctgttttgac caccagcaac atcttaagat gagactcctt atttaattgg 39960
gaagaattca atctgcaggc agacatctaa agtcttgggt gacattctgt atttgaaatt 40020
gtaataagaa aactggccag gaacggtagg ctcacatctg taatcccagc acttttgag 40080
gctgaggcgg gtggatcact tgaggccagg agtttgagac caacctggcc ccatctctac 40140
caaaaatacc aaaaaaaaaa aaaaaaaaaa ttagccgggt gtgggggagc gtgcctgtat 40200
tcccagctat ttgggaggct gtggcaggag gatcacctga gccggggagg tagaagttgc 40260
agtgagccga gactatgcca ctgcactcca ccctgggcga cagggaaga ccctgtctca 40320

aaaaaaaaa aaaaaaaaaa aaaaaaaaga aagaaaataa tcgataggat aaacaaatga 40380
gttttccctc aaacaggcaa ctacaggcag cagcagcaaa tcggttgagcaga tgaaacaaca 40440
gagaagcaga atggtgatgc aaatgtgttt ttttttcctg gtcttgagcaga aggaaatcgt 40500
gctagtttat aaaattcata tttgctcagt tgcttatgct tttagctctg caagatgctg 40560
tctccagaag cacctacggc aaattaactc aacactcgaa ttgggggtgag ctccaacgca 40620
tagtcgctga gaactcactg ctccagcacc gctctgacca agtgagccgg gagcgccggg 40680
gaagggggta gggcaccaga gtcccagtg gcgctgcccc gagtgagcca cgtgggcccgg 40740
gatttgggca ggacgcgctc ccgaccgcac gaggcattggg ggccagggct ggctcaaga 40800
gagcacaatc tcggaggccc gaggtggcag gcctcgccgt agccaggcgt ccgcgctgg 40860
gcccaggctg cgactgactg cccacgcct tccgaccggc tgccctgacc ctaggcctcc 40920
cccgctcccc attaccagc cgctgacctc attttgggag ttcacatcca cccgctctc 40980
caccagtttc tgcacctccc gaatgtcccc taaggccgag gcctcccgca gcctctcctg 41040
ctgctccttc tgccttagga gggcgctcat cttccacag cccaggccc ccgcccaggc 41100
ccgcctgccc cgccccgccc ggggcctgtc agcgccgccc ccgctgccc gcgccgctcc 41160
cgcccatggg gagggagcgc ggaactcgcc cgccctgctc gcgccgctgc ccgcgccgc 41220
cccgggactt ccgctccctc ccgggggccc cccctgctgc tcccggccc caggcccagg 41280
cctcctcccg ggccgcgcct ccgaaggcc ggctccgggg gacctgttc agtgtgacaa 41340
cgctgaccca gatattttcc gttccgacct ggggctccgg cgccgggct ggctgtttat 41400
gtaactactg cacaatatta tatgccatga ttcattgact atttttagac tccccaccc 41460
cgcagtttca agggaggagg acaagacaca tgaaaagaga aaaaagcata gctgagggcc 41520
agaaaagcct taccctctgg tgcaggctgt ttaccaggca tccaaaataa ttggtgggtt 41580
ctttttattg ggatttgggg tttttttgtt attttcccc agtttggttg gctccttttc 41640
cttatctgag ccaattcgtg ccagcagga tggggaaatg ggctgaaaac gatcctacta 41700
taatacggc attattacag agatagatta gactcttctt ctttttgaca gtgcttgggg 41760
acaattcagt tagaatattt atttcaattg ttgttgtttt acatctcatt ttagacagga 41820
tttcttctaa cctggctttc aggaaaaata tttatattgt gctcacagt tatgaactgt 41880
aattactgct tacagattgt aattagttac tcttcatgaa ggccatataa ggagaaaaga 41940
aaggaaaaac accaaagagg ctttggaggt gtcctggtcc tgattccaag tgctctggga 42000
agagctgtgg tgtacatgta aacagcattt tgcttcaatt cttgcccgat ctatctaag 42060

aggctcagag cctcagttgg cactgtttta taccagtgagg gagaaaaagg aaatattgtt 42120
ttgttgagcc caggtgccct gaagagatcc tccgatgtgg cacaggatgg aactttacag 42180
atgggggtcaa gattaaggaa atagccctgg ggaggaaggg aggaaggcct gaacaaggag 42240
agatgaaata ggaagggata aatttaggca tggagttttc atttccgtct cttggggctg 42300
ctgggatctg cacagcaagc atttttcttg ctacagttta agaaaaacca atgtctgttt 42360
gttttagtatg atacagtaat tcacacagta cacagtgcac accagggtgg gctgaatata 42420
aactgactac acacttaaata tgaccccat ggcaaatgt aaccctgctt gagcttacat 42480
tttcatttgt tcccccaatt taaattttaa ttctcacatc cagcatgata ctctatctga 42540
aactgatgtg tatggcactg gatttgagtc cttcaacaca atttcagtga catgggagta 42600
ggtagtggct tgttgttttt gtttgcttgt ttttgagaca gagtctcact ctgttgccca 42660
ggctggtgtt cgggtggggcg atctctgagc tccttgcaac ctctaagtcc aggttcaggc 42720
aattctctg cctcagcctc ccgagcagct gggattacag gcctgtgcca ccattgctcg 42780
ctaatttttg tatttttagt agacatgggg tttcacatg ttggccagtc tggctccag 42840
ctctgacct catgtgatct gccagcctca gcctcccaaa gtgctggaat tacaagcatg 42900
agccaccgcg cctggcctgt ttttgttttt ttgttggtgt tgttttttgt ttttaatgca 42960
gttaaaaaaa attgttcgtg actgcacccc aaagtctatg agttcttttt tttttttttt 43020
tttttttgag atggaggagt ttcgctctca ttgccaggc tggagtgcaa cagcgcgac 43080
tcggctcacc acaatctcca cctcccagg tcaagcgatt ctctgcctc agcctcctga 43140
gtagctggga ttacaggcat gttccaccat gcctggctaa tttttgtat ttttagtaga 43200
gacggagttt ctccatgtg ctccaggtgg tctcaaactc ccgacctcag gtgatccgcc 43260
cgctcagct tcccaaagtg ctggaattac aggcattgagc caccgcgccc ggcccccaaa 43320
gtctatgagt tctctttatg agagtttgtc aaatgtccct tccttaaaag gattatagca 43380
tgtaccctac ataactgctg tatccgtgaa tattagtaga tcttcttaaa ctcaacctct 43440
acttactctg atttcagtct tctgtttatt atcttcagat taaaaaaac aaaattttat 43500
ccacaaacaa aacttctgat cttggatata actgaatgta acctgctggc tgttctatta 43560
ctacttccat ttatctctac tctgtcttgt ctctaggga ctacctaact cactgaactg 43620
tattaagcat gtgctgtttg ccaggcactg ttctagtac tgaggatgct gctgcaaatg 43680
aatcagagtc cttgactttg aagaacagtt tatcagggga gacaaggcga acaatagaat 43740

gtgctatgca ttacaataga aacaatgtgg catagtggta gtgagtgtgg agacagacgc 43800
cagactgcct gggtttgtat gccagctttg ccaactcatat aatcttgaat gagttactca 43860
actttcctgt gcctcaaatt ctgcacctgc gaaacaggaa taatagtagc acccaccttg 43920
caggattgtt ctatggattg aatgaatgga tatgtgcaaa gcctagacat cttaaacatt 43980
cattggatca taggtgggtt acaacaagggt ttacgttagg aaaacttaac ctggcagaat 44040
gggagggcag tgggtggtaa gaaacaagga taatgttcgg gtttctggat gattagatgg 44100
tgggtgtgatt tattgagatt tgggacaaag gatgaagaga aggtttgagg tttggatcatg 44160
aattcacttt tgaatctgtt gacttgaact ttctgagacc ttttaattac tactactctt 44220
tactatctgc tactatcaac tcattgccag gtgctgcagg aagtgtgta catggattat 44280
ctcatttaat cctcacaaca actcctctgt aaaacaggac catcattatt atctgaggct 44340
caggagggta attaacttgc ccagtgctg gccaggcacg gtggctcatg cctgtaatca 44400
cagcactttg ggaggctgag gcgggcagat cacctgaggt caggagtgtg agaccagcgt 44460
agccaacatg gcgaaacccc gtctctacta aaaatacaaa aattagatgg gcgtggcggc 44520
aggtgctgga ggcagagggt gcagtgagtc aagatctcgc cattgcactc cagcctgggc 44580
aacagagtga gactctgtct caaaaataaa taaataaata aataaataaa cttgcccaat 44640
gctatacatc gtagtttgtg atggagcaag gctttgaact caagttcaac ttctgagcct 44700
gtgctttctt ttctgatttt catttaaatg gatatgttca gttaaagatt atgtgaatgg 44760
gtattgcatt taggaaggag atctgggctg gtgatttga ttttggcagt cagcaaaggg 44820
tgctagctga agtcatggga atagaagaga tagccccaag ggagtctgtg agtgctgaga 44880
gaagactcct gccaggcgcg gtggctcatg cctgtaatgc cagcattttg ggaggcggag 44940
gagggtggat cacctgaggt cagagttcca gaccagcctg gccaacagag cgaaaccctg 45000
tctctactaa aaatacaaaa agtagccggg tgtgggtggag cgcacctgta ttcccagcta 45060
ctcaggaggc tgaggcaggg gaatcacttg aacctgggag gtggagggtg cagtggagcg 45120
aatcatgcc actgcactcc agcctaggca acagagtaag actctgtctc aaaaaaaaaa 45180
aaaaaaaaaa agactgctga agacagccag gaatggtgggt ttgttctgt taatcccagc 45240
tactcaggat gctgagacag gaggattccc ttgagcccag gagttccaga ctagcctgga 45300
caacacagtg aaaccctgac agtaagaccc tgtcttaaaa taagtaagta aataaataat 45360
ttttaaaaag aagacagcca aagactgaag aatacagatg gttcccaact tatgatgggtt 45420
gcagttagga ttcttttact ttacaacagt gcaaaagtga tacacaaaag tgcaaaaata 45480

agtagaaacc ttactttgtg taaccaaaca actattctgt ttctcatttt cagtacagta 45540
tttaataaat tacgtgagat attcaacact ttattataaa ataggctttg tgtagatga 45600
ttttacccaa ctgtaggcta attaaagtat tctcagcaca tttaaggcta ggctaagtta 45660
tgatgtttg taggtatatt agtctatttt cactctgcta tcaggaacta cctaaggctg 45720
ggcacagtgg ctcatgccta taatcccagc actttgggag gccaaagaca ggtggatgat 45780
cacttgaggc caggagtgg agaccagcct ggccaacatg gagaaaccct gtctctacta 45840
aaaaatacaa aaattagggtg ggtgtgatgg cgcaagccca taatcccagc tactcgggag 45900
gctgaggcac aagaatcact tgaacctggg aggaaggggc tgtagtgagc ctagattgtg 45960
ccactgcact ccagcctggg cgacagagca agactttgtt taaaaaaaaa aaaaagaaaa 46020
aagaactacc ggagactggg taatttataa agtaaagagg tttaattggc tcacagttcc 46080
acatggctgg ggaggcctca ggaaacttac aattatggga aggcgaagca agcgcctcct 46140
tcacaggggtg gcaggagaga gagcgagaga gcgaagggga agagccacac ttttaaacca 46200
tcagatgtcc tgagaactca ctccctatca cgagaacagc atgggggaac cgccgcatt 46260
atccaatcac ctcccaccag cttcctcct ggacacatag ggattacaat tttagatgag 46320
atttggtgg agacacagag ccaaactatc cataggctag gtgcattaaa tgcattttca 46380
acctaattga cgtattggga tctaaccct ttgtaagttg aggagcatct gtagtcaaca 46440
ttttaatgac ggacagaaga gaagaaattc tcaaagaga gcagaggagc agctattaat 46500
agactagcag gaggaaaagc aaaggagtgg gagggtttg agacaaggga gtgatccaca 46560
gggtcaaatg ctgcagaaag ggcaagaaag aaagggtga aacacatgaa atgggtttaa 46620
ccatcacaag cttgctggtg ccattgaaga ggaaaggtgc agtgaggtg tacaggtagc 46680
caccagactt tcttagtcca tttgggatgc tataacaaaa taccacaacc tgggtggctt 46740
ataagcaact gaaatTTTT tctcacaatt ctggaagctg aaattccaag atcatggtac 46800
cagcatggtc aggttctgtc gagggccctc ttctgggttg cagactgcca gcttctcatt 46860
tttctctcac atggcatggc agaaggggca aaggagctct ctgggcctc atttatgaat 46920
ggcactaata ccattcctga ggtctctgcc ttcatgacct aatcacacct gaaaggtcct 46980
gcctTTTTTT tttttttttt tttttgagac agggctctgt tctgtcacc aggtggcac 47040
ctgacctaaa aaacaaacaa aaacaaacaa acaacaacaa caacaacaaa aaacctttca 47100
ttctaaggga agaaattgct atttgcaata tcgtgtgaca aacccaaaaa tatgcaagga 47160

tgccttcaggt aaaatgatgg cacaagaag gtgatcagtg tgtagcaggt ggagggccag 47220
ggccaggggt ggcgttggtg agctgctgaa actggggctg taagctgaaa gatgagtagg 47280
ggctcgtatc tgtaaccccg gctgctcagg aggctgaggc aggagtgaga ccgtctctga 47340
aaaaaggatg agtaggtgtt gcttgctgct ggagtgggaag agctttccat gcctggagca 47400
acgtagatgg tgaaatgcag gaatcaaggg tcttccaagt actggaagca gtagcagatg 47460
aagttggaga agggggtcag agcacagacc accttgtggt gtttgaacct tagagtggag 47520
atgatgggga gccatcgcct ctaaggttgg aggcgttttg tttgttggtt tgtttgtttg 47580
ttttttgaga ccaggtctgg aatgcatggt gccatcttgg ctactgcag cctctgcctc 47640
ctgggcctcc agcaatcctc ccacctcagc ctctgagta gctgggaata gaggcgcgtg 47700
ccaccatgcc cagctacttt ttgtatttgc agtagagaca gggtttcgcc acatcaccaa 47760
ggctgggtctc aagctctgga gctcaagcaa tctaccagcc tcgacctccc aaagtgctga 47820
ggtgtgagcc actgcacctg gccagttgga gcctttcgag cagggatgag acacatctag 47880
atttacattt agaaaggatg ctgatggctg ggcgtggtgg ctcatggctg taatacctgc 47940
actttgggag gctgaggcgg gcggattgcc tgagctcagg agtttgagac cagcctgggc 48000
aacatggtga aaccctgtct ccactaaagt acaaaaaaaaa aaaaaacaaa aaaaacagct 48060
gggcatggcg gcgtgcatct gtagtcccag ctactcagga ggctgaggca ggacaattgt 48120
ttgaacctgg aaggtagagg ttacagttag ccgagatcgt gccactgcac tccagcctat 48180
gcaacagagt gagactccgt ctcaaaaaaaaa aagaaaggatg actgaggcag caagatagat 48240
ggaggatggg gtcaaggggc ccgcactgga ggctgggagg ctgggaagca gtgagaagac 48300
ctgtagtaac tgcagcttcc tttctatatt agcttgctag ggctatcata acaaaaatac 48360
cacagactag atgcttaaac aaatgagatt tttattttct ggaggctatg agtttacgat 48420
ctgggtgttg gcaggtttgg tttctctgga ggctctgtc tttggcttgt aaatggccac 48480
cttcttacca tgtcctcacg tggctttttc tctgtgcaag tgcattcttg gtgcctcttt 48540
gtgtatccaa atttcctcgt ataaggacgc cagtatgata ggattatggc ccaacctaac 48600
agcattgttt taacttcac ccatcttca aatgcacgat ctccaatac agtcacattc 48660
tgtggttcca ggaattaggc ctcaacatat gagtttgag gtgacaggaa cacagttag 48720
cccataacat tttctctttt tttgagatgg agtctcactc tgtcaccag gacggagtgc 48780
aatggcatgg tcttagctca ctgcactctc tgctctctgg gttcaagcaa ttctctgcc 48840
tcagcctccc aagtagctgg gagaacaggc acctgccacc acaccggct aattttttgt 48900

atcttttagta gagatgggtt tcactatgtt ggccaggctg gtcttgaact cctgatccac 48960
ctgccttggc ctcccaaagt ggtgggatta caggcatgag ccactgtgcc cgaagcccgt 49020
aacattttct attagtaaca ggtatggaat ggggtctgga caccactagc cgataagatt 49080
aagtcatttc ccattccatc attgggaaat agccaactcc tgtaatccat caaaattatc 49140
tgtaaaatgg gctttgtgac ctgttaagaa agactacttt tacctctgga tcccaagaca 49200
tagcagagaa tctgatacag atcacactgg ggctcactgc attaatgaag gatgaatgaa 49260
gcaattcatt atctgtagtg gtaatgcaca ctgaactgtg gcttgtcctc agactttaga 49320
aaaaagagag ttgtagagta agacttgctt ggtgtatgac agggccaggc gctctcacct 49380
ctgtgattca aaggcattta atactttctt tttagacag ggtgtcactc cattgccag 49440
gctggagtgc agtgggtcaa ccatgtctca ctgcagcctc gacttcctgg gctcaagtga 49500
tcctcttacc tcagcctcgt gagtagctgg gactacaggg atgtaccacc acatccagct 49560
aattttttgt attttttgca gaggcaggat ttgtctatgt tgcccagctg gtctcaaaact 49620
cctgggtca agcaatccgc ctgcctcggc ctcccaaaga gctgggatta cagggtgtgag 49680
ccaccatggc tgggccaaagt attttcattt caagaccaa ttgtagtgtgac gatattttg 49740
tctcccatag gtcaggagct cctggagaac cagggtttat acgtctgtct ttgtattccc 49800
agccagtaac ccaggctctg gcaaagagca catgcaccat tatagtttgt ggaatgaatg 49860
agataattag attaagaacc tgtgatgggc aggaactgta attttgcaat ctgggtgtgt 49920
gtttgcggtt catgatgtgt gcagtcctgt ttgtttgtgg ttcagttttt ttttttttag 49980
acggagtctc agtctgtcat ccaggctgga gtacagtggg gcaatctcga cgactgcaa 50040
gctccgcctc ccgggtcat gccattctcc tgctcagct tctggagtag ctggaactac 50100
aggcgccgc caccatgccc ggctaatttt ttgtattttt agtagagacg gggtttcacc 50160
gtgttagcca ggatggtctt gatctcctga cctcatgac tgtctgcctc ggcctcccaa 50220
agtgtctgga ttgcagggtg gagccactgt ggccggcctt tttttttttg gtggtagtaa 50280
cagtggagag ccctcaataa atgcttcatt gggaaaactg taaccaacag ctgagaactg 50340
cctcatctca ctgctaaatc tgtaaatga ttttcttctt tcttgtttca gtggagaaga 50400
tcctttctcc tatcaaaggc cagaggtttc aaatatgccc tggagcctaa cccattactt 50460
tttttttttt ttaagacac agtctcactc actctgttgc ccaggctgga gtgcagtggc 50520
gcgaccttgg ctactacag cctaagtctc ttgacagtcc actgtttaa gcgatgtccc 50580

tgcctcagct tcccagagtag ctgagatcac aggcgccacc accacgcctg gctatccttt 50640
gtgttttttag tagagacagg gtttcccat gttggccagg ctggtctcga acccatgacc 50700
tcaaagtacc cacctctgcc tcccaaagtg ctaggattcc aggcgtgagt caccacgcca 50760
ggaccaacc cgttacctt ttaagatttt aagtcattaa ctatccctt cttttatttt 50820
ccacctctct actggaatat ccccaacatt aaacattctc tcatttccta cgtttgggg 50880
tttttttttt ttggtctttt cttttttttt cttttttgtg gagaatggcg tcttgttatg 50940
ttgccagggc aggtcttaaa ctctggcct caagctatct cctgcctct gcctccctaa 51000
agtagtggga ttatggcgtg agccaccatg tctagcctct aatttcctat cttcaaaaag 51060
gctccagccc cacttgggtg ctcacgcctg taatcccagc actttgggaa ctttgggagg 51120
tcgaggcagg tggatcacct gaggtcagga gtttgagatc agcctggcca acatggcgaa 51180
actccgtctc tactaaaagt acaaaaatta gctgggcgtg gtggcgggtg cttgtaatcc 51240
cagctactca ggaggctgcg gcaggataaa cttgaaccgc ggaggcagag gttgcagtga 51300
gccaagatgg taccactgca ctccagcctg agcgatagct caaaaaaaaa aaaaaaaaaa 51360
aaaaaaggct tcatgtcca tacctcctt gagttctcac cctattttgc tgctttcctt 51420
cttaaaaaga ggtgtccacg accgggcgcg gtggttcacg cctgtaatcc caacactttg 51480
ggaggctgag gtgggtggat tatttgagct caggagtcca agaccagcct gggcaacttg 51540
gcgaaccccc gtctctacca aaaatacaaa aacttagccg ggcgtggtgg catgcgcctg 51600
tagtcccagc tactggggag gttgaggcga gggggctgcc tgagcccggg aggttgaagc 51660
tgcagtgagc tgagatcgtg ccattgcact ccagcctggg tgacagggcc agaccagtc 51720
cccccaaaa taaaagtgtt gggcttgta tcaatgtgta gtgccttaca ttgtataaac 51780
tcatttaatc ttcacaatag catcgtggc gggggccggg ggaggactat tgtaaacccc 51840
attttacaga aaaggaaaca aaggcacaga gcggcagagc tgggattacg aaccaggca 51900
atctggcttt agagaccata cccttaactg tgctaaagca ttatccaac atacgttgat 51960
atatttga ctttatttct tcagcgatta tctccctcg ccaatgcaca ggtctgcggg 52020
agcatggact gtctgaaagg ttctgagttt agctttaagc acagtgcctg gcacatacca 52080
tttgttgaat aaatggatct acctatctat atatatgtgt gtgtgtgtgt gtgtatgtgt 52140
gtgtgtgtgt gtgtgtgtat atatatatat atatatatat atattttttt tttttttttt 52200
tttttttttg agatggagtt ttgctctgtg tgtccagact ggagtgcaat ggcgcgatct 52260
cggctcaccg cgacctccgc ctcccgggtt caagcgatcc tccagcctca gccccctgag 52320

tagttgggat tacaggcatg cgccaccacg ccaacctaat tttgtatddd tagtggagac 52380
ggggtttctc catgttggtc aggetgatct cgaactcccg acctcaggtg atccgcccgc 52440
ttcggcctcc caaagtgctg tgattacagg cgtgagccac ctcacctggc ctactggatc 52500
aatatctddd taaaaaattc cacactggga gacatttggt gtaggactga atccccgtat 52560
tttagaagcc gccttgctc ttcttgctc gatttcccat cctgttaatc aggagactca 52620
ggggcggagg acaaagccag gtgcaagagg cgtgagcaca gcgactagga aaatggagtc 52680
ggaagccgta atcttcagtt tcctccgctg catgaggcac catgtgcacc acgtggacta 52740
aaggagacac tttctccatt ttgaagcggg gtccaggctt caagacctag gctccaattd 52800
ctcaccgtga agaagctcgg gaaaaccggg cgcttgggga ggcgcgcggg cagaggctac 52860
ccgtccccgc ggctctaga caggggcgga gtccctaccc ggctccgcg ggccccgccc 52920
ccggacggcg gaagccgagc tcgcccctc cgcccgggcc tgggcgtgtc ccacgggcgc 52980
acggcatgct gggaaggcgt ccgcgcggcg gccatdddgt cttgtcggct cctgtgtgta 53040
ggagggattd cggcctgaga gcgggccgag gagattggcg acggtgtcgc ccgtgttdtc 53100
gttggcgggt gcctgggctg gtgggaacag ccgcccgaag gaagcaccat gatttcggcc 53160
gcgcagttgt tggatgagtt aatgggccgg gaccgaaacc tagccccgga cgagaagcgc 53220
agcaacgtgc ggtgggacca cgagagcgta agtcccgcgg gccttggcct gagccccggc 53280
tcctgggggg aggggagcgg gcgcgggctg tggccctcct ggccgcggcg cgatgtggcc 53340
agggccgcac ccggggtcga gcgtctgacc cgggtgcccac ggagccagga gggaggatgc 53400
tgtccggacc cggggatggg ggtgatttg ttttgttgt ctagtatcaa gggggcccg 53460
gagagccctt ggcataattg aaaagcacct tgatgaggcg gggaaacgcg ggaaagaagg 53520
atagcagcgt cttattaaat ctageggctc cgaggtttca cctcattatg aaataggag 53580
aagggcacat tttctatag tttgggttga acgtcgtatt tagactaaaa tttctgacca 53640
ggattcatgg taaaaatcgt ggcggtattd tatttaagta attacagcat gacgcttata 53700
cggggaaata gaaatgtaaa agaagtcggt tacttgtag ggtttaccgt gatgatttac 53760
aagtattgtt cgttaacagt attctaagaa gtcccttata gaggcagctg tcaaggtdtd 53820
ttcttcaca taaaactcat ttgatgctc tagcccgggg agtaaaggta aatattataa 53880
ccccagtdtc actggtgaga cttaaaaagg ctcacccaaa gtcttggtgcaa ctgaggaaac 53940
taatcttdgt agtdctgtta gctttccaca atcctatgaa actggttdtc tgcacctact 54000

gtagcatttc aagtgttttg atctagtttt gaacatgcag tgtaatgttt acttttaggtc 54060
ttatctggag aatagataca gaatttaatt ttactttgag gttataatct aacatgctaa 54120
ttttaaaaca attgctaate aaaataggaa ggaatagttc aggtaatgca tgcttcttta 54180
gaaaactgtt ttcttactct ttttaaactg aggttttggg taaggtaaaa tttctttttt 54240
gcagtgtagg aaagcaagtt ggtgctagat gactcctttt aggacttta gaaagagtaa 54300
gtttggctca agttgtgttg ggggtgctaac tgattccaaa gtagtatgaa acattcttag 54360
agtagaattt attgttttta agaggtgggt tttttgtttt taacatttag gctcccatc 54420
cccccgacca tttgtcacia taggagacta aggaactgct taccttgacc atctttcttt 54480
tgtaggcac tttgttatag cgaagtaact tttttttttt ttaactacct gactctgtaa 54540
cctttcagtc taaactttgc aaatgtgtta ggaataacgc tcaaaatcct aagtaaggta 54600
aaaaaccaaa acattatggc gatgtggctt atgttcaata gggtatttgt atattttgaa 54660
ttcaagagaa aaatgctttc cattgcactc cttatcagtt ggaacagcct tgtatctctg 54720
cacccttgac tttgaacacg ttttagagaa actgttttct tccccggggt aatttggtgc 54780
cacattgcat tgtatgtgat gggtttatga ctcttcaatg atgaggccct cagaatagca 54840
atttaggttt tatgtcatct cagccgtaat ctgctttgct ttcagtttta gtacttttca 54900
ctaattttta ctttcagtggt ttattactaa agtatttaat gccttaatga cagattgcac 54960
ttcactctag attgaaggat ttcaagtcag ttactggcat ttcagattga tatctgcagg 55020
gaaaatgttg gtagtggtga gcaaaaacaa agcacatggg ctcatctaaa taggtggaat 55080
tattgtataa tgaagctggg gaagctgttg atatcgtttc cgggtcatct gcatattctt 55140
gtactgttgg ctgttagtgc taaacctgca gggatgggca aaccattat atgtgaaaa 55200
ggagtcacct tttctatagc ctaatatattt aacatatattt tgcattcctg ttctatctgg 55260
aaatttttct tggccatact tgcattaaat ggaagaagcc atttcagctg gatggggccc 55320
ttgttttttt ttttggaaat gagataaata ccaaaataag gaaaggaagc aaccattaat 55380
taaaagacag ttgccgtggc atctgtaagt atttaacagt caaaatgcta actttaccta 55440
gtattaaagg tagtccttag atagctgtat ttgacctgtg gaatttggtt taaatgcata 55500
tttctgtact tcaaccctt caactcccct tcccagagag tcagattctg tctgtcttgg 55560
ggaaggggtcc cagtatctgc attttttatg gctcctctta tgcattcttt tttttttttt 55620
tttttttttt tgagacggcg tcttgctctg tctcccaggc tggagtgcaa tggcgtgatt 55680
ttggctcatt gcaccctccg cctcccgggt tcaagcgatt ctctgcttc agcctcccca 55740

gtagctggaa ctacagggcg cctccaccac gccagctaa tttttatatt tttaatagag 55800
atgggggttc accatgttgg ccaggatggg ctgatctat tgacctcgtg atctgcccgc 55860
ctcggcctcc caaagtgcgt ggattacagg cgcgagccac cgcgcccggc cggtcctct 55920
tatgcattct aaagtttgtg acctactgtt tcctgacca tcctgattag tcctgggctt 55980
ttaattgtgc atatctgcac aattaaatct taattgggat taatttggtg gtagattcta 56040
atactgtact tttttctcct tttcatgatg ggtaataagt gagcaagcag cacttgcgaa 56100
gcgcagtttc aagtgaagga tgcattctgt atgcaaaatc atcgaccatt tatttgtaat 56160
gggtgtgatg taaccttcac caaggatatt tactggggct agtgctttta caggcatttc 56220
caactttgta gattgctacc tctggatctg agaaactgca gctaaagtga agtcggcttt 56280
aatactgttt catggattca ttggtacacc ctcccaccgt gtttatttgt attttgcaat 56340
tgtttgagat tattgttttg gttttttgca ctaagcaatt gcttgggtta tcctaaacaa 56400
ccacagtgat gaggaaagca tgtgattgta actaactgcc tagggtagt acctttcagt 56460
gagggtttga tttcagtgtt agccagagaa ggcactagta gccatattat tagaagattg 56520
tagtaaattg taaagtctga tcgggagttt tgttattttt tatgtagcaa gacagaaatt 56580
ttgtagttca aattgagggt tttatattct agatctcaac ctgaaaatga aattacttaa 56640
tcattaacac tgattcta atctgaaatg agttttcttc catttatcaa actcaagcct 56700
accttcctt ccatgaagg ttaacatgaa ggtttaataa tttatgaagg aaattgaact 56760
atgttctttt ctaaaatctt tggaatgtta gcagatactg tcattgacac tgaaaagttg 56820
tttagaaaag gaaaaatagc taaagcttct gtccacattt tttacttgta tactttttct 56880
ttttgcttta aaaatgttca gaatttgga gcaaaaattg aaagcaaaaa actagtaatt 56940
ataatgcatg atggcatcta ttaatatgta ttttactagt tttcattcag agtcaccaa 57000
atgttcatag taacttacta tgttactatg gagtaagata gaaaagcatt ttctaccctg 57060
ctccctgcc cccccctt tttttttg gacagagtct agctctgtca ccaggctgg 57120
agtgtagtgg catgatcttg gctcactgca acctccacct cctggcctca gcgtcccgag 57180
taattgggat tgcagggtgt ggccaccacg cccggcta at ttttgatatt ttagtcgaca 57240
gggttttgcc atattggcca ggctggctct gaactcctga cctcaagtga tcggtccgcc 57300
tcagtctccc aaagtgcgtg gggtacaggc gtgagccact gcgcccggct ggcatttct 57360
accttactcc atagtaaaat agtaagtgtt ggcttctcag aattgccagc agtccatgtg 57420

ttatatgtgt atgtaattgc tatttgcttt tcttcccaaa acatacagaa ttagagtga 57480
tagtataata aattgaactc cccatgtacc catgcccaat ttagcaatat tagcacatag 57540
tcaatattat ttcctctgta tcccttccat tattttgaag caattctgtt attgtcaacc 57600
ttaaagcggg cattgtatat ctgtaaaata caaggacttt aaaaaaaaaa catagccgac 57660
cgggcatggg gggtcacctg taatctcaac attgggaggc caaggcaggc agatcacttg 57720
agggcaggag ttcgagacca gcctggccaa catgggtgaaa ccctgtctct aataaaaaat 57780
aaaaaaatta gctgggcgta gtggtgcatt cctgtaatcc cagctactct ggagggtgag 57840
gcaggaggat cctttcaacc caggaggcag aggttgcagt gagccgagat ggtgccacca 57900
cagtccagcc tgggcaacag agtgacactc tgtctcaaaa aaaaaataga ataaaaaac 57960
cacaatacca taatcactga aaattatagt aaggatattc gtaaactctt ggttgcttta 58020
ggaaaattgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtcattatat atgttattag 58080
ccttgatttc ctcacaaaag gagaaggtag cttaagtttg taaatttgac ttttttgcta 58140
atacagttct tcgttttatg aaatatcttc tctttttttt ttttttttta cccccgagat 58200
ggagtcttgc tctgttgccc aggttgaggc gcagtgggtg gatctcagct cactgcaacc 58260
tccacctccc gggttcaagc gattctcttg cctcagctc cagagtaggt ggaattacag 58320
gtgcatgcca ccatgcctga ctaatttttg tgttggtgta gagatggggg ttcaccatgt 58380
ttgcogggct ggtcttgaac ttttgacaac aagtgatect ccctcgccct cccaaagtgc 58440
tgggattaca ggggtgagcc accatgacca gcctttctct tcatttctta tagtaagtta 58500
ggaaaattgt tgtattcatt tatccaacaa aaatgtattg ctcggtggg agcgggtggc 58560
cacgcctgta atcctagcac tttgcgaggc tgaggcgggt ggatcacctg agctcaggag 58620
tttgagacca gcctggccaa catggcgaaa ccctgtctct actaaaaata caaaaattag 58680
ccagggtgtg tggcgcacgc ctgtaatccc agctactcgg gaggtgagg aaggagaatc 58740
gcttgaaccc gggagggtga ggttgcagt agccgagatc acgccactgc attccagcct 58800
gcgtgacagg agcaagactc catttcaaaa aaaaaattaa aagtattgct cttaggtaga 58860
taacagcagg atagtacaga tacagcactt ggtcctaaag agccatcatg tattggtgac 58920
agtaaatgca cttttttttt ccaatgggga ttattccaat tgaatgtaa cgcatttcca 58980
taacagaata tgataaatcc taccattggg aaaagtaaaa ttgacccttg aacaacacgg 59040
gtttgagttg agtgtgtcca tttatactg gagttttttt aataaatata ttggaacatt 59100
ttttggagat ttgcaacaat ttgaaaaaac ttgaagacga atcacatagc ttagaaatat 59160

ttttaaaatt taagaaaaga taagtacatc acaaatacat aaaatagatg tatatactag 59220
tttatcattt tcctaccaca aaatacatatc gaatacataa aagttaaact ttataaaaaac 59280
ttatgcacac agtacatggt gccactagca gtccagagaa agtaaagctt gagtaataac 59340
tgcataaaat taactatagt acatactgta atactgtaat aatttttagt ccacctgttg 59400
ctattacagt gagctcaagt gttgccaggc tccacttaaa atgccctatg acctgtgact 59460
cttgataatc tctgcatgag cagttggtgt cttaaagtaa ttgcatatca cagtaaaaaa 59520
ttatcccttg gttcttgtgt attttcatca ttgtttattg caataccgta taaacttggt 59580
gttttgcttt ttgttggtgt tgtttttgag acagtcttgc tctgtcgccc aggctggagt 59640
gcagtgggtgc catctcggct cactgcaacc tctgcttccc aggttcaagc agttctcata 59700
cctcagcctc ccaggtagct gggattacag ccgtgtacca ccatgtctgg ctaagttttg 59760
tatttttagt agagatgggg ttttgtcatg ttggccaggc tgggctcgaa ctctggcct 59820
taagtgatcc gccaccttg gcctccaaa gtgctgggat tagagggtga agccacagcg 59880
cctggcctat gtacaatacc atgaccttg aataacgccc tgagacccat acgaagtga 59940
gctagtgaac ttggaagtgc tccgaagaag cagaaaagtc atgacagtac aagaagttaa 60000
attgcttgat atgtacgata gactgagatc tgcacctggg gttgctggca tttgagacaa 60060
ttcatctttt gtatacagat gacctaaact tagggatttg ataaatacag cactgtaaat 60120
gtgttttcac atttttttct ctacttact tatagttatt tttttcccta aacattctac 60180
agtgcacatc tctagcttac tttattgtaa gaatacagta tatagccagg cacgggtggc 60240
tacgtcttta atcccagcac tttgggaggc cgagggtggc ggtcacttga ggtcaggagt 60300
tggagaccag cctggctaac atggtgaaac cctgtctcta ctaaaaatac aaaaattagc 60360
caggcggtgt ggccgggtgt tgtaatccca gctactcagg aggctgaggc aggagaattt 60420
cttgaacccg ggaggcggag gttgcagtga gccgagatca tgccaccgca ctccagcctg 60480
gctgacagag cgagactttg tctcaaaaaa aaaagaatac agtatataat acaaataata 60540
tacaaaatac gtgttaacca actgttagtg ttattgtaag gcttccagtc agtggtaggc 60600
ttttgatagt taggttttag gggagttagg gtcagtaact ctcttagttg ttataaagga 60660
atacctgagg ttggataatt ataaagaaaa gaggtttatt tagttcagtt cccagactg 60720
tacaagaagc attgtagctg gtacctatct ggtgagggtc ccagactgct tccactcatg 60780
gcagaagggg agctagcatg cgcaaagatc acatggctag agtgccaggc tctgttcaac 60840

aaccaatttt ccagtcaact aagaatggga attcactccc acaagaatgt tttttttggg 60900
accaaagaaa ccacatccaa accatagcag tgccccagcc ccccgagttc aaaggtcagc 60960
tgtatagtgt acacaggaaa ggagtgcata acccagattg ggatggatac tcaggaaagg 61020
cctgtcagac aaagtgggtct ttaaatacat ttacctaaag gattggcagg aattagcctg 61080
agggagagga gagagaagac accttaccag cctgaaggaa gagctggaga aaaatcgggtg 61140
aatttggtcaa attttaaata gtattgtagt gtgtatgttt ttgttgggtg gggtagtgta 61200
gataggtagg caagaacttg gttttaata gtttttatag gccgggctg gtggctcacg 61260
ccagtaatcc caatactttg gaaggcagag atggtggatc acgaggtcag gagatcgaga 61320
ccatcctggc taacatgggtg aaaccccatc tctactaaaa atacaaaaaa aaaaaaaaaat 61380
tagctgggctg tgggtgtgtg gcaggcgctt gtagccccag ctactcgaga ggctgagacg 61440
ggagaatggc gtgaaccggtg gaggcggagc ttgcagttag cagagatcgc gccactgcac 61500
tccagcatgg gcgacagagc gagatctgtc tcaaaaaaaaa aaaaaaaaaa gtttttataa 61560
gccttgttga aagtttagat ttattacat tgggaaataa ctgaaggctt ctaagcagaa 61620
gagagatgtt tactaactgg ctgctgtgga agattgattg aaattttact agaagtttgt 61680
gtaggcaata aatagtgaat catacctgca aagggtatac taataaaatt aaaggcatgg 61740
aatgaatgt gtggctgtgg tataactgaa acataaagct atatgttatc agggacataa 61800
tttttgttat aaattctttt attaaaaatt atttctttgg gggtttatct ttaacacagt 61860
gaattgaact cttaggtaaa aaaaaatatt tatagactgt cataatcaga attaaactat 61920
taatattgag gcagaagtga caaaagacta cagcgtgtag ggttggtttt tgtttttgtt 61980
tttttgaga cagagtcttg atctgttgtc taggccggag tgcagtggcg cgatctcagc 62040
tcactgcaa cctccgctc ccaggttcaa gcgatgctcg tgcctcagtc tcccagtag 62100
ctggaactac aggcgtgtgc ctccatgctt ggctaatttt tgtattttta gtagagacgg 62160
cgtttcgcca ttttgccag gcaggctca aactcctggc ttcaagtgat ctgcctgcct 62220
cggcctccca aagtgttagg attgcagggtg tgagccactg cagctggctt gtgttccttt 62280
tttttaacca ataaaatttc caggatttcc tggattttta attaatatt gtatgtgtat 62340
ggcatttgag gtattccagt aatatgtcct gtttcagaat acagtaagtc tgcatttaac 62400
gtcgttaatg ggttcttgga aactatgact tcagttgaaa tgacatataa caaaagtttt 62460
accatagact agttaatata aagaagagtt aggtttctgt ggcacattct gggtacagaa 62520
acataactaa aaagacccaa aacatttctg atatcaaaca ttgagataaa tttgaggtat 62580

acatacattt aagaaagatg aataaaagcg aggtaattac ccagtttttg gtgaatcagt 62640
gagtgatggc aatttttagtg gtggtgagtt aagtcaagga ataaatgttt acaacttgaa 62700
cattgtcaga agcacctcct acctccattc agttccaaca caataataaa gatggtaaac 62760
tcaccacttt tggactatgc tgtttatttt catgcatttg tatgattatc atatgcttta 62820
cagactttta ttttacaata atttcattgt aatatacaat atattcattc ctttccagcc 62880
tccttattcc agttcagggg ggtgggtggc cagagctgat cccggctgcc caggatgcaa 62940
ggcaggaact aacctggac aagatcccct cccatcacag ggcatactca cacaccaca 63000
ctcaccaga ctgggactta ggcatgccag ttcacctacc gtgcacagct ttgggatgtg 63060
gaaggaaacc agagtactgg gagaaaaccc atacagacat ggggagaact tgcagactcc 63120
tacacagtta gccccagctg ggaataattt tttttccct catcacatta ttcaaggact 63180
tactgtatat agtaattagg attggctatt tagattttta aaatttaagt ccctgtcagt 63240
tttactgttt ccaacatgag ttgtgttgcc agtgtttaga taatcagaag tatatatga 63300
atataaatac attatatata tatatatata tatatatata tatatatata 63360
tgtatgtatt ttgggggtgg ggaggtgggg acagtgtctg gctctgttac ccaggctgga 63420
gtgcagtggc acaatctcag ctactgcag cttccacctc ctgggctcta gcagtcctcc 63480
cactgctga gcaggctcct ccattccag cctctgagt agctgggact ataggccgc 63540
accaccctg gctaattttt ttgtattggg ggagatgggg tcttgccacg ttgccgggc 63600
tggctcgaa ctctgagct taagccatct gcctgcctca gcctcccaa gtgctgagat 63660
tacaggcgtg agccaccact tccagtctat tatctttatg ataagcagtt taacgaaaat 63720
agtgcagaca ggccaggagt tcgagatcaa ccattggtaa acccatctc tactaaaaat 63780
acaaaaatta gccaggcatg gtggcagttg cccataatcc cagcttggga ggctgaggca 63840
cgagaattgc ttgagcctgg gaggtagagg tagtgagcca agatcgaacc actgcactcc 63900
agcctgggcg acagtaagac tctgtctcca aaaaaaaaaa aaaaaaaaaa aaaagacct 63960
aaaatagtgc agacagcatt gaaaatattt gattagctca aaggagaatt gtattgctta 64020
gtgttgatc taagtagata tagaaagaca aaaatcatta agatgtcctt aatgggcctg 64080
gtgctgtggc tcatgcctgt aatcccagca ctttgggagg ctgaggtggg cggatcattt 64140
gaggtcagaa gtttgagacc agcctggcca acatggctta accccatct actaaaaata 64200
gaaaaattag ccaggcattg tggtagctc ctgtaatccc agtccttgg gaggtgagg 64260

caggagaatc acttgaacct gggaggtaga ggttgcatg agccaagatc gtgacactgc 64320
actccagcct gggcaacaga gtgaggctct gtctcaaaaa aataaaaaata aaaactgttg 64380
atgagattga acacttgtca ctagtgttgc cttaaattta ttaagaggat aagttatgat 64440
tatgtaggta tttagagagt ttgcatgggt attaatctgt aataagcatt tatatctttt 64500
ggggattact attaaatgaa gactgctggg attccaaaac ttgagcagtt ctcatgatta 64560
tatccaaaag taagaaacga attctctggg ttattctttt ttttgagaca gtctctctct 64620
gtcatccagg ctggagtata gtggtgcgat ctgagctaac tgcaacctct ccctcccggg 64680
ttcaagcgat tctccacact cagcctccca agtagctggg attacaggca cttgccatta 64740
tgcttgcca gtttttgtat tttttagag acagggtttc accatgttg ccaggctggg 64800
cttgaactcc tgacctcagg tgatccgcct gcctccgcct cccaaagtgc tgggattaca 64860
ggtgtgagcc accacacctg gcctctctgg gtttgttctt attatcatta ttgatgactt 64920
tatttgaaga acccaaatat gttcttccca ttttttcgga tcaactgtta atatttttag 64980
ttaaatacat tctctgggga gagttaaag aagcagtcca ggtagctggg ttattgtgta 65040
gagtaacaga taattctgat gtaccattaa atggtaaagc aggagagttg gagtggaagg 65100
aacactcaga actggattgg ggaaatggaa tctagtctgg attctgtaga tatagctgga 65160
tgctgtcagg gcaggtcag tggtctctga tggggtgatt ggactagatt aggtagcttc 65220
tgggttagccc acagacaggc atgtgttatt tgggttacac agtgccataa aacatttaa 65280
ataataatgt gcagcggaca ggtctacgga aacctacccc cagagtctga agaagctgag 65340
aggccaaaga aagaggctga caaatccagt gtcttgaaa catgtaatag ggacctacga 65400
acagaagcca ggtctgtgtc ttgggcagct gctggcgta agacaagatg tcatatcccc 65460
agaccagggt cttatatgcc atagggaaag ggtatctgtg cttcagaagg catgtgtagg 65520
ataattactt atgggcagga tttatgttaa gtacaaaatc atcgaaattg ttttgacctt 65580
agggcaggat ttacagtaag tacatgttct taacacaagg aacagtagat aaagtagaaa 65640
tcttaggggc attcctggaa ttggagttaa tcggaagtca gcctggcact ttaacacca 65700
agatggagtt gctttcgctt ttacatacag gctaacacct ttttcttcca atttagcaaa 65760
tgtacacagt ttaatcttta caatccact ataagaaatt tattacctcc ttatttattt 65820
gagtcttgcc cttttcacc aggtgaagt gcagtggcat gatcaccact cactgcagcc 65880
tcaacctcct gggtccaac gaccttcca ccctagccac ccaagtagct gggactacag 65940
gtgtgtgaca ccatacctgg ctaatttttt tcattctttt tttttttttt ttttagagac 66000

aaggtcttac tatgttgccc aggetagget caaatgatcc tcctgctttg gcctcccaaa 66060
atgctgggat tacaggcata agccactggg ccagcctat ctcttttttt aatactatga 66120
agaaaccaag gcagaattac gacctctggt tctttttctt tttttctttt ttagacaggt 66180
tgcgttctgt caccctagct ggagtgcagc ggtgtgatca cagcacactg ccacctccac 66240
ctttgaggct caagcagtcc tcccatctca acctcccaaa gtgctgggat tacaggcatg 66300
agccccgcca ggtaccctctg gttcttttagc agataagcaa cggcgaagat tcattgtgct 66360
gtgttgcaagt gtaccaattt cacatgcttg agagtcagga gggactgtag agatgtgttt 66420
attcgttttt ttgtttttta atggtgaacc tttctgagga tcatagacgt tgtgtcttac 66480
ctaccttaaa cttacgaaac acttaaattg gtcattgaggc tgtagaagt cctattgaaa 66540
acaataaaat taatcttttag atagaataat ctccaaaacc ctagaatata ttactgtaaa 66600
aatgggaaat agaaatgaaa tgtttataag taaagataaa attcacagta atagtaaaac 66660
tttgtttttt tttttttgag acagagtctc gctctatcac ccggtggtgc gatctctgct 66720
cactgcaagc tccgctcct gggttcacat cattctctctg cctcagcctc ctgagtggct 66780
gggactacag gcacctgcca ccacgcctgg ctagtttttt tttttttttt tttttgagac 66840
agagtctccc tctgtcgccc aggetggagt gcagtggcgc catcttggtc cactgcaagc 66900
tccgctcct gtgttcacgc cattctctctg cctcagcctc ccgagtagct gggactacag 66960
gcggccgcta ccacgcctgg ctaatttttt gtatttttag tagagacggg gtttcaccgt 67020
gttagccagg atgatctcaa tctcctgacc tcgtgatccg cacgcctcag cctcccaaa 67080
tgctgggatt acaggcgtgc agccagttca cagtaatagt aagacttttc atgtgtgtga 67140
ggatggcaca caaaatttag tttttaatt attttataac catacagttt atggctataa 67200
ataatagatt ctggcaataa cttttactaa atatagttgt gtgaaatttt tgagtcttca 67260
aaacagggtt aatataattg aaagggttagg tcacagtaaa agtggcataa ttgttgccac 67320
atcctccctc ccccaaataa actctcaaag aaatgtttat aaaaatcgag tattggcatt 67380
ggtattttac tgtgttgcat ttaaagtga cacaagttg aacaaaatgg atgttttaag 67440
aattagaaaa tcatatggca tcacaagcag tggaaacttca gaaataattt ttaaaaacat 67500
tagctttaga tagcatatag tctttttaaa ataaactatt tgtgacaaca atgttttaag 67560
tacaagaat aatctttttt aaaacttttt tttttttttt gagatggagt ttctttcttg 67620
ctgcccaggc tagagtgcaa tggcctaata tcagctcacc gcaacctccg cctcccagg 67680

tcaagcaatt ctctgcctc agcctcccga gtagttggga ttataggcat gcgccaccat 67740
gcctggctaa ttttgtatct ttagtagaga cggggtttct ccatgttggt catgctggtc 67800
tcaaactccc gacctcaggt gatcctcccg ccttggcctc ccaaagtgtc gggattacag 67860
gtgtgagcca ctgtgccag cctttaaaac ttttattatg ttcttagaga cgagttgtca 67920
cttaatgttg ccagggcctg gagtacagt gctgttcaca ggtgtggtcc tagcacacta 67980
cagcctcaaa ctctgggct caactaatct tcctgcctta gcctcccaag tagctggcac 68040
tacaggcctg caccactgtg ccagctgca aagaataatc ttaaaaatca agtataataa 68100
cttgaaaga aaacagtaga aagatactaa gacataaagc tgtatcagag taatattggc 68160
ataaaactag tggcttgct agcttaaaact tatggaacaa tagttttaaa ttggtcatga 68220
ggccattaga agtcctattg aaaacaataa aatgagtctt tagaaagaat ctctccaaaa 68280
ccctagaatg tattattgta aaaatgggaa atataaatga aatttttata agtaaagata 68340
aaattcacag taatagtaaa actttcacgt ctgagcgcg tgaggcctgt aatcctagca 68400
ctttcgagg cggaggcagg cagatcacct aagggtggga gttcgagacc agcctaacca 68460
acatggagaa accccatctc tactaaaaat tcaaaattgg ccgggtgtgg tggcgcatgc 68520
ctgtaatccc agctacttg gaggtgagg caggagaatg gcctgagccc aggagggaga 68580
ggttgcggtg agccaagatc ataccattgc actccagcca gggcaacaag agcgaaactc 68640
tgtctcaaaa aaaaaaaaaa agaaaaaaaa aactttctgt tctgtgaggt tgtttaaaca 68700
tgaatattta gatatgttt atgactttaa tcctggatgc agcttatgga accacattgc 68760
ttcaaatgag tgtaaagccg ttgaggaaaa aaaaggccta tttcagattt agcaccaggt 68820
cctgtctaga aagaactttc aggtttaaat ttaacactgc ctttttttca tttcctttcc 68880
cttttccttt tcgttttcct tttgccttct ctttcttttt ctttttcttt ttttcaagac 68940
aggggtgat agtgtgccc aggtggagt gcagtaaata gcacaatcat ggctcattgc 69000
agcctcgacc tcccaggctc aagcaatcct tctgcctcag cctcctgggt agctgggact 69060
gtgccaccat gcctggctac tttctgtatt ttttatagac atggggtttt gccatgttgc 69120
ccaagccggt ctcaaattcc tgggctaaag ttatcctcct gccttggcct cctaattgtgt 69180
tgggattaca ggtgtgagcc accatgcctg accaacgctg ctttttcttt tcatgtgtta 69240
tagttgtgca ttaataatct ccccagagct gggcacagt gttcacacct gtaatcccag 69300
cacgttggga ggccaagacg ggcaaatcac ttgaggtcag gagttcgaga ccagcctgac 69360
caacatggtg aaaccctgtc tgtactaaaa atacaaaaac tagctgggca tgggtggcaca 69420

tacctgtaat tccagctact ttggagactg aggcagaaca attgcttgaa cctgggagggc 69480
ggagcttgca gtgggctgag atgggtgccac tgtgctctag cctgggcaac agagtgagtg 69540
agactctgtt tcaaaaaaat atatagtaat aatccaccta gtaacagtga agttttgtgt 69600
gaaggaaagg tgatattttg gaattttgat ttacatgggt tgatttgtag tgttataaaa 69660
ttaaattttg gatagagcag ttttggaata tatctgaagg agttacaaaa gtaccagtgg 69720
gagagaatta aacattgggt ttatgttaat agtttttccc catactgtgg gaaccacca 69780
agagaattgc ttggagccag gagtttgaga ccaacctggg caatgtagca agtccccatc 69840
tttccaaaat attttaaaac atttgccagg catgggtgctt gcacctgtag ttgtagttac 69900
ttgggagggt gatgtgttaa ggatcttcta agcaaaaaga tgggtgcaaaa ttgctttaaa 69960
tgagtgttaa ctgtgattta gatgggttatt tccaaatcct aatttgtaaa taggccctaa 70020
tctatgaaag agatgaaatg ataagaatag cgtaagagtt tttaaaaata taaaaattgc 70080
cctttatttt gggatgtctt tcccatattt gtttttgcta ctgggggggc agcagggtgat 70140
gattaaaaat agataaagaa aatactagta atacgagtac tgcagattta ttcttttatc 70200
gaaattcagg agtctgaaaa tactaattt acctaatatg attcaacaaa tgaaattctt 70260
acattgggtg aaacatacat acctcaagaa atgagaaaat agttatttggt cacctttctc 70320
caataaagtt ttaaaaccaa gcaattttt aagtacctt gtttttctt actagggttg 70380
taaataattat ctctgtgggt tttgtcctgc ggaattgttc acaaatacac gttctgatct 70440
tggttaagtga attttctgtg taacttttat caaatttatg atatttaaaa tgttgaatag 70500
gagtggtgaa aggaaaaaaa ctgattataa ttctgtgaag ttttttctta aagatttgct 70560
aataagtaat ttcttacttg gtttagatat ttgaatgtat taataaatgt cagtctgatt 70620
aaacatgggt gcttaattaa acatacatgt ctatttccac tccctcccaa aactccactt 70680
aatgaaaaa aattttaaaa agatgtattt ggaagaggag ataacattag agatgtcagc 70740
aaatttttg aagatgacaa gtggatggag gagtagcagc aaacgcaaca gagcagagca 70800
acctgtacct taaaagcctg cagaagggga tactaaacag aagcgagtgt ttgatcagca 70860
gaacctgga caggctcagg atttgaggc accaggtagc acagaaggca gggttgagtc 70920
atggggctga aaatgagaga gattagtctg tagtctagtt cagggtttct caaccttgac 70980
attgttgaca ttttgagcca gtttgaggg gggcttttca tgcattgtgg gatgttagc 71040
aacatctctg gcctttacct actagataac cagtagcacc ccctgttggt acacccaaa 71100

atgtcttcag acattgccag atgtcccca ggatgcaaaa ttgccactag tgtagggtgg 71160
cctgtgcac tgttgatctt actctcctcc ccatagaccc caggagaaga gaggggttatt 71220
ttctggagaa attggactag agagactagt ttatctgaac cacaaaatag aaaaaataa 71280
ttgactatct cctcaattct ctcaaggatg gtacataacc aggatcattc tggatacata 71340
aaagaagtca attcattatg tacaatcttt gccttagagc attaggagca tattaaggca 71400
ggaccagtct agatcttgag atttcagaca cagcaggggc agtagtaagt taaaaaaga 71460
atgtaaaaca gagtaaata atctatattt ttattggtgg ggctctctc tgcctgttc 71520
ctagaaggat acagccagat gtttttcccc aggcagaaga aaagaggatt cttctctaga 71580
gaaagtgaac agttcctgag aagtgatctc tgcaggtact gacccttggg gaatctctta 71640
aaagaaagtc ttactgcctg attttcctat gataaagccc attcatgagc tgacaaaccc 71700
tgcctaatac ctactaactt ccagtcagat tttggaagt tctttttaa aaattagttg 71760
cttgccaagg accaccagcc agacgttcga agaaagcctt caacacaaga gattaacaaa 71820
accaacagag aaagaagaat ttagtggaat tggagataat ggggaaagca gaagagagat 71880
tcttcaaaat ctaagaaat ttagtatctt cagagacata tgagaagaca ctatattctt 71940
cagcaataat acgatgccat aaagaggga cttgtggaaa aagtgaataa cttttctga 72000
aaaacagctc ttagaaatta aaactgaaga aatagaacta aaatcaccag aaagatttga 72060
aaataaaatt aaggaaattt actggaatat tgggcagtac gacagaagga tttttaaaaa 72120
acttagtcca ggaactgtac taccagctta atagttgtgg acagaataaa agcagagggg 72180
attgcttaag aaaaaaatt tgcagtacta aaggacattc atcttttagt tgagcaggtc 72240
ctacaagtga tcaggacagt gaatgaaaa gatccatacc taggcatacc cctgtgaaat 72300
tttagaacac gggggtggtg ggggtggtg taggtcacag aattatgaat cagaatggc 72360
taagactggc cagtaacaac gggggaagtt gaagacattg gagaaacac ctcagggtgc 72420
tgagtgaata tgtgtctgcc ggagggggaa aaagacattt tcagatatac agggctctca 72480
ctgatttatc tcccacgggc cttttctcag gaaactccac caaaacatgt ccataaaccc 72540
agaaagagga aagaaaaaac aagagatcca gtaattctca tctactacag agcagaaaag 72600
gaattcatca ggacaataat tctatagtga gcttagaaaa taagtatccc agattgaagt 72660
aaggcagaag gcccatggaa gaaaatgaaa ctgatgatgt gatatatctt gagtcatatg 72720
tgaaattagt attgagatg tttctatagc tgagtttgaa gtgtttgaga agaatttgaa 72780
aatatagaga aaaaactagg ctcacacctg taatcccagc acttttggag gcaaaggagg 72840

gcagatcact cgagggtgagg agttcaagaa cagcttgccc aacaggggtga aatcctgtct 72900
ctactaaaaa tacaaaaaaa ttacgcaggc atgggtggtgg gtgcctgtaa tcctagctcc 72960
ttggaagggtt gaggcaggag aatcccttga acctgggtggg cagaagttgc ggtgagccaa 73020
aattgcgccg ctgcactccg gcctgggcca cagagcaaga ctctatctca aaaaaaaca 73080
aacaacaaca acaacaacag aaaacatcag aagtgtctca taatgagcct ttgtttggcc 73140
tgacagtga tagtacttgc ataataaag caccaagtgt ttatttatcc aaaaattttg 73200
atgtctagga ttgataaata gaaaaataag catagaattt taaaagggtgg aggtaaattc 73260
gggaagaaat agagaagagt taagataatt gctttttaga ggtgggaaga agtaggggtt 73320
aggtactagt ctagtgtctat ttgactttat atacagattt gaaaataata aagtcggcaa 73380
tggttcagtt cagtggctctg tccccatcag ttttctttag tggcaataag gaacagtttc 73440
ctttcacctt cctcctttt ctcctccct cctttacttc tcttttaacc atatatgggtt 73500
gctgtccatt atattgactt tgaagactga gcagatcaat tttatatcct atttggttat 73560
gatgcttcac gathtagtag gatcagttta gatgtctaca aactactcag tgataaagt 73620
aatccttttt ctttttaaaa agaaaaataa ctcttttttt ttggcaagaa aaggttgcta 73680
ataatcacag ataatttata caattatatt ttttcccca ggtccgtgtg aaaaaattca 73740
tgatgaaaat ctacgaaaac agtaagtatt ttgtctgtc atttccacc cccagttat 73800
tagttgggtt aagtgggaca aggggtgagg aataattgca attaaatgta aaatgagtgt 73860
ctgagagaag tccagtcagt ggctggggat agtaagaaag ttctatagct tcagtaatga 73920
tactgatagc taccacatga gtgcaccctg tatgtcagac ttttttttc tgtagcccat 73980
ttgctgtttt ttttaaatga gcctcactgt gtcgctcagg ctggagtga gtggcatgat 74040
ctcagcttac tgcaacctcc gcctcccagg ttcaagggat tctcctgcct caaactccc 74100
agtagttggg attacaggtg cccaccacca tgcctgacta atattttgta ttttagtag 74160
agacagggtt tcaccatgtt ggccaggctg gtctcaaact gctgacctca agtgatccac 74220
ccacctcggc ctcccaaagt gctgggatta caggcgtgag ccaccatgcc cagccccgat 74280
tttatccatg agacttgctc taggtccagg gtcatagatc cagtacagt gtaaagctag 74340
tggttaaacc cctgtgtaaa gctctatgat gaggggcaat cagaaagtca cttcaaatc 74400
acctggttta ccctgcagcc taaatggaat agtcgttgag gctagttaag atagaatatt 74460
tgagttgtaa tggctgaaga tttggaaatg agtacttgtt tattttcatg ttaccaggta 74520

tgagaagagc tctcgtttca tgaaagttgg ctatgagaga gattttttgc gatacttaca 74580
gagcttactt gcagaagtag aacgtaggat cagacgaggc catgctcggt tggcattatc 74640
tcaaaaccag cagtcttctg gggtaagtga agtcaattca gtctttgtaa acggtccttg 74700
ttttctggag attcagagac ctccctaata tttttgaaac ttgtcttctg ttcattactt 74760
tgttctttaa aatgatatga aacttatagg gcattcattt tttttccagt ctttattagc 74820
aaacataaca ctgattttgc taaccataag atttttcttt gtttttattt ttcttgaggc 74880
caagattttt cccttaaata gtagtaactg acaatatgtg attgaccaac agaagttgaa 74940
gataattgaa ttactatcct ttcaattaag cattttaatt attaaataga aatattatgt 75000
atgggtatgtg caagtttgca tgtttatctt tgttttcaac ttgttggtaa tacgttttat 75060
tgtcttcaat aggccgctgg cccaacaggc aaaaatgaag aaaaaattca ggttctaaca 75120
gacaaaattg atgtacttct gcaacagggt agaattgtgt gcattaatgt caggaagtaa 75180
tgtgaaacag acatgtaacc agcaaaaata caaggatggg ccaggcatgg taactcatgt 75240
gtataatccc agcactttgg gaggccgagg cgggaggatt gcttgagccg gagaatttga 75300
gaccagtctg ggcaacaaag tgagaccag tctttacaaa aattagccag gtgcaatggc 75360
gtgtacctgt ggtcccagct acacacgagg ctgagttagg agaattgctt aagcctacaa 75420
gggcgaggct gtagttagac gtgtctgtgc cactgcactc cagcttgggc aacagagtga 75480
gacctcgtct tgtgtgtgtg tgtgtgtgta catgtacata tatatgtatc tgaaaggaca 75540
gcaaatatga aaagacgctc aacactatta gtcgttaggg aaatacagat taaaactgca 75600
atcaaatacc tatttgacac ctatgagaat agctaaaatt aaactgatca taccagctat 75660
tggaaggat gtgagccagc tggaactggg gtataatatt gcacaaccac tttggaaaaa 75720
atagtctcat ttttttcttt catattcctg tagatgatat tggagtctgt tttgttgtcg 75780
ttgttactgt ttttttgaca gtcttgcttt gtcacccatg ctggagtga gtggtgcgat 75840
ctcagctcac tgcaacctct gcctcccagg ttcaaagtat tctcctgcct cagcctcccg 75900
agtagctggg attacagggtg tgcgccacca tccccggctg attgttgtat ttttaataga 75960
gatgggggtt caccgtgctg gccaaagctg tctcaaattc ctgacctcaa gtaatccgcc 76020
caccttggct tcccaaagtg ttgagattac aggtgtaagc cactgtgcct ggccctggag 76080
tctcttaaaa agttaaaaat gtaccatatg ccattctact cccaaatatt tatccaagag 76140
aatgaaaac atatgtctac acaaagattt aactccagt gttcatgagt gctatattca 76200
taatggcaca aaaaaataa aaccagact ggaatcaatt aaaataccca tcagcaggtg 76260

agtgataat taaatcatga tgtatctata tgggtggaatg cctgtcagta ataaaaggga 76320
attagctaca tgagacaata tgggtggatc ttaaaataat taggctgagt gaaagaagcc 76380
ggacaaaaaa ggaatataga ctctatgact ctatataaaa ttttagaaaa tgcataattaa 76440
cctacagtga cagaaagcag atctgtgggt gcctggggat tgtgtttagg attcaggctg 76500
gaggaggtag tgaaaagagt aggtgggtca cacctgtaat ccagcactt tgggaggatt 76560
gcttgagccc agcagttcaa aaccagcctg ggcaacatag tgagacgctg tctttccttt 76620
tttttaaaaa aaaaaacaga gtctcacgtc atcatccagg ctggagtga gtggcacgat 76680
cttggtcac tgcagcctcc tctcctggg ttcaagcaat tcttctgcct cagtctcccc 76740
agtagctggg attacagggtg cccaccacca tgctggcta attttttttt tttatatttt 76800
tagtagagat ggggtttcac catgttggtc aggtgtgtc tgaattcctg acctcagggtg 76860
atctgccac cttggcctcc caaagtgtt ggattacagg catgagccat cgcgtctggc 76920
cgaaagtga tttttcttaa cacatcagtt atactttatt gaagtataaa aaaaatccag 76980
gataaattaa acccaaagag gcttttgtaa atgaaaccaa aaaaaaaga tggaaaacaa 77040
ccactaatga accatgggga aaaaagacaa tagttgggtt tgaaagaaat cttaactgtt 77100
tttttccct actcttctaa gattgaagaa ttagggctg aaggaaaagt agaagaagcc 77160
caggggatga tgaaattagt tgagcaatta aaagaagaga gagaactgct aagggtccaca 77220
acgtcgggtga gtaaaccctt tttcacatta tctcatctgt ctgttaacag ttagtaggaa 77280
ctcattttta tttgagaacc tttgaaaact gatgttccaa acttagagtc agcacaattt 77340
gtagccaca aggtctgtgg catctactaa gctctgcctt tgtgcagtat gcaagcaact 77400
ttatatagta caagaacaa atgggtgtgg ttgtatcca ataaaatgtt agcaaaaggc 77460
ctctctggct tgccaatcac tgccttaaac cataaatttt catatgagcc tggttttatt 77520
ttcatttttg ttgtaataaa ttactcagta catacttaca tctttgttaa aaattaatac 77580
accttaaat atctaattct ttttaattgga gaatagaata tacttgtttc agatactatt 77640
gattgcagaa tgtaattggt cattgggtcc tccatattga ataggatatg ttcagattat 77700
agtcaatgtg cttagttcct taattagttt tgtatatgga cattattcct tgaacctaa 77760
caaggaatgt attcacta aaatagggtg ctttctgaaa ggtgatttaa attttgtaag 77820
gtaatgtggg tgttgacat tgaacagtgg gtctcaacat ttcttctgga tgattcagta 77880
agtagttgc tgttacctta aacatccctc tctaaaagtt gaccactgt agtccaatat 77940

tactgatttg gggaaatgga aaagagcaat tcacacacat tagaaatctt ttctaaatgt 78000
tgagtacttt cctgggattt gtttctcttc ctcatagtgt cttaaaataa ctgatttatc 78060
attttagaca attgaaagct ttgctgcaca agaaaaacaa atggaagttt gtgaagtatg 78120
tgagagccttt ttaatagtag gagatgcccc gtcccggtga gatgaccatt tgatgggaaa 78180
acaacacatg ggctatgcca aaattaaagc tactgtagaa gaattaaaag taagtttttt 78240
tgtttgtttt gaggcagatt cttgctctgt cacctagagt gcagtgcgc gatctcagct 78300
cactgccacc tccacctccc aggtttaagc aattctcatg cctcagcctc ctgagtagct 78360
gggagtacag gcatgtgcca ccaggcctgg ctaatttttg tttgtttgtt tgtttgttta 78420
tttttgagac agtctcgctt tgttaccag gctgaagtac agtggcgtga tctcggctca 78480
ccgcaacctc cacctctggg gttcaagcaa ttctcatgcc tcagcttcct gagtagctgg 78540
gattacaggc acacactacc acgcccggct gatttttgta ttttttttaa tagagacggg 78600
gttttttctt gttggccagg ctggtcttga actcctgcct caggatgatcc gtcctcctca 78660
gcctcccaaa gtgctgagcc actgcgctcg gccagcgtaa atttcttcta aagatacatt 78720
ttagctatta aaaaaatcta ttttagctat agctacagct tttagctatc agtagctata 78780
gataaaaata actatattct aatatggctt aaatggagat atgacctct cattgatatt 78840
ttctatgtg taattatttt tgaagcattg tgagtctgt gaaattttgc tatttattga 78900
actatgaaag cacttgattt tcttaactct tgagtgccag aaatttgga agaataattc 78960
tgaggattag acaaataatg ataccttggt tatatacatg gtgttggaat gtctacattt 79020
cccttaaggg catcaattcc ataagttggt ctacagataa cttcacatta gttgaccatt 79080
gtttaacaat gctttaaggt tacatttgca taagaatcca acttgatttt tctaggaaaa 79140
gttaaggaaa agaaccgaag aacctgatcg tgatgagcgt ctaaaaaagg agaagcaaga 79200
aagagaagaa agagaaaaag aacgggagag agaaaggga gaaagagaaa ggaaaagacg 79260
aagggaagag gaagaaagag aaaaagaaag ggctcgtgac agagaaagaa gaaagagaag 79320
tcgttcacga agtagacact caagccgaac atcagacaga agatgcagca ggtctcggga 79380
ccacaaaagg tcacgaagta gagaaagaag gcggagcagg tatatataaa acaccctaag 79440
actgtccagc tcataatggg tgtgcaataa caataataac tactagtatt attccttgga 79500
atggtacttg ggaagctctt aagcatcttt aagtgatagg atgggttgcg agagcggaat 79560
cagtgaataa aatagttcca tcttcggggc aacttctgtg ccatttccca cctgtctagg 79620
aaatttcacc caaccttttt acaaagttag agtacctgat ggtctcttaa gtgcttgtct 79680

cactgattcc gagaaataaa atatgaaatc agccatactg ttttaattat aattacaaat 79740
tgaagaagag tcttaaagag cacaacgata accatcttag cactattgga gatgaattta 79800
gaaagatttt caataatttt tagttcttaa gatttctaata gtaaataatgt ttttagagggt 79860
aagttttgcc tagtcttggt aattaatagc atctactcca aggcctttac ttattgtaat 79920
actggctgaa gttgcctttt ggttttaaat tattaagaag tagagatcga cgaagaagca 79980
gaagccatga tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa 80040
aaagccggga tcgaaagtca tataagcaca ggagcaaaag tcgggacaga gaacaagata 80100
gaaaatccaa ggagaaagggt tagtttataat gagaattcag ttcattaaga aacttttcac 80160
accctaactg cccactcac ttttctccag acacaggcaa agatccattt catacatact 80220
ccttttcact ttgaggaatg ccattcagta ggagacaggc attctttccc cctctcctac 80280
ttagatttgt gaaaatgaca gtttatctgg tgtttctta gatgttaaaa acatctttca 80340
gttgataaac ctgaagggtt ttaatgtagc ttcttttaag tgttatatta cctttcgggg 80400
ttattagggtg taggatttat tatattacct tgggtattgg ctctttttt ttttacacac 80460
tgcagtgtt cataatacgt cttataaagt gagtgtacat tgttgcatta atcttcattt 80520
gtagcattca ttttaagttag taattaacat ctaagtacct agaagttgaa ttgcttacat 80580
gtgtcttacc cacgttttca atgggatcaa catgctctt cccctttact ttttctttt 80640
tcttttctt ttttttttt tttgggtgtg catcccagta gctgatttac tgtgctgttg 80700
gcactattaa tggactttt aatttgtgtg gcatgtttc acaagaatat tctcatctaa 80760
cttagcctt attggaagat aattctgtta accaccaggg tctcctttct gagtttcatg 80820
ttcttctatt ttgtatttt tatataaaag atataaaata tcttttattt tgtattgaat 80880
gagctgttgt gctttgcatg gttttaggaa tgagagaagg ggcctatttc tgattttctc 80940
agctctcctt gtttcatttc attctacctg tctccatgtt taatcaccag cataatatat 81000
gtgctactat taaggtttat tatactagtc ttttgtgtgt tgtttgttta ttatatcctt 81060
taatagaact gtctgggtt tttgttttcg ttttctctct agactcagct agaactagca 81120
gcacaaacca tggacatatt ttttggctc tgcttttatt ttcttaaaat aagcacacac 81180
tcttttctg aaatatata catctattgg cttttactgt aatgtgagaa agtgttgaaa 81240
acttttgtct tctgccaga tgtgctagt tttgccatc aagttgagaa cttgcttctg 81300
attcaaaagg cagttgctac aaagggttaa ctgatttaac attagattta agaatgtttt 81360

acctaactctt ttgcaagac tttctgtgta atgtcttttt gggttgagag gtcaactctt 81420
aagagccagg tatgactgtc aggtcaaatt aataatattt gttttgagaa agtttttagt 81480
tttacatttc ctattgtag ctttagttgc tctattctgt gttatcattt gtgccactta 81540
aaattgttgg gttggttctt agggataaaa gctagctagc cttcataact acttgaagtc 81600
aaagttgagt agtaaatgac actggcctga ctaaaaacag gcatatttgt gtaatttctg 81660
gatagagcaa aaagatgtcc agagttgctt acctttaatc ctaaaattgt aatgatgatg 81720
acatgaaatt tagtgaaact tttttttttt tccagacagg gtctcagtg caccagggt 81780
gagtgcagtg gcacgatcac agctcactgc agcctctacc tccccggccc aggtgatcct 81840
cccacctcag cctcctgggt ggctgggact gtaggtgcat actaccatgc ttggctaatt 81900
tttttttttt ttttgggggg gtagagatgg ggttttgcca tgttgctccag tgtgatctcg 81960
atctcctggg ttcaagcaat cctcctgcct cagtctccta aagtgctggg gttataggtg 82020
taagccacca tgcttgccc ctagtaaaac ttttcgttaa gcggaataag ctgagttacg 82080
tttagattag caacagacag ggattttcca tgtgagactt ggtgcaaaga gagaagttac 82140
taagaaaact gtatcagggt tgtctcccat gattgggtat gctatgatag agttaaacat 82200
tggaatctct tttagaagtg atataattta ttggcatttt gaaaatgcta tgtaaaaata 82260
aattaattaa aatcagtgtg cagatgagtg aatttaaaaa atgtaaaaaa aaaaatacag 82320
aaaagaaact accatgtagc catctaggca ctcttataaa tgactgaaga tctggacttt 82380
gggaccagggt gtgagccaca gtgggcattt attaatggca aatgagaaaa agcaagttta 82440
ttactccagg tgctatgata gaagcagttt atcttactcc acaaataaaa agtggtttct 82500
cacacaaagc tgtcagcaac cagtgtgaagg tgctctcttt gtcaagagag tttccttttt 82560
tcatccatag ccctaaaatc caccacaaat tgtggatgtc cttaggacta ttaagatcta 82620
ccatatttac atagggcaga agataagatt attggactga ctactagtcc tctacgggac 82680
aacaagacga ctcttcctca ttgaagctac ctgtgcaccg gagaagccca taaggcacia 82740
agggaggact tccccacaag gtcagttaga gccactgtc ctggcacagt tctcacaagt 82800
ggacagacag acatgaagca agtcttgccg ttaactactt ggacattgct ttgtgtatta 82860
tgcaagtgtt acggactaaa tatgtctttt tacataagat cttcagttct ctgagtgggt 82920
gcccctccca taccatgttt tgtttttcat taccatctct ttcttagata tttggtgtta 82980
cgtcttcata actgtgcaga aactatgtag agggttctgt ttctcttaaa atgtcttttt 83040
gtctaattaa ctactctgcc agaccagcta ttcttagtaa ggggaaaagt aatttttcca 83100

gaaagtttct agttggcttt aacattttct gtagaaattt tttgttggg gaatacttgg 83160
aactgaaaag gctagactat gcttgctctg gtgtactact tttacctcta gtctgaggtc 83220
ttacccatcc aaagaatagt agaggaaaaa gttgtttacc tttttcattc ttcatttgca 83280
gctgagttga attttaattt ctctttttgg aaaaacaact ctcagatggc atatatatta 83340
cttttcttag caaagcacia aagttcagtt gcttagattg ggatttaaga tccattttct 83400
ttgattaggc ttatccttct tggatattca aatatatata aaaataatgt tttgcattga 83460
aaaatatgta gttgtagttt ttaaaacatg cctgttataa acattcaact ttttttcacc 83520
ttttggggtc tccattttta cccttctaac ttaataattg aacctcatgt gaacatagtt 83580
ttgtatgctg tcttttatac ctttccaggt gctttttgat gttttttacc cacaatgaaa 83640
tttacttaaa tattatattc tgcaatgtgc ttaatagctt ctcaccaatt gagagaattt 83700
accactatt ttaccttttg cttccttgaa tcccccttc tgccttctct ctcatatatt 83760
acaaatttta tccctttggg aaattcacca aaccgttgct tgcagtctgt gggaaatgat 83820
tgtctctcat ctctcagttg tttcactttt tttcaaaatc atgtctttat tgtattttac 83880
tttaaaatcc atggtcaatg tcttctttta tggcagaaaa gaggggatct gatgataaaa 83940
aaagtagtgt gaagtccggt agtcgagaaa agcagagtga agacacaaac actgaatcga 84000
aggaaagtga tactaagaat gaggtcaatg ggaccagtga agacattaaa tctgaagggtg 84060
acactcagtc caattaaaac tgatctgata agacctcaga tcagacagag gtaagtgtat 84120
tgtttctcac tttgattagg gctttttgtt actgtttgac agtgcagcgt aagtatgcac 84180
agatgaagat ggaactaagc cgagtaagaa gacatacaaa agcctcttct gaaggaaaag 84240
acagtgtagt cctgcaaaac attttgaggt acattgtttt gtctcagcta tttttagca 84300
gactcgtgcc cccattagtg tgctctttg gaaattatcg cccacatttg taatatagtc 84360
gccattgaaa agttaattat ccttttttta gggattttga tgtcatttct tttttttttt 84420
taataaaaag gttgaactgt tttttttttt ctttttggtt ttaagtccat cttgtgttg 84480
tacattggca gagacatatg ctttaaaaac ttaaatattt cggaggcaca tgttggaacta 84540
ctttgtttta attaaactgc tagtatttct ttgtcaagga tgtttctagt tttttgcttt 84600
attgccttgc attctaagc agtttgttct gtaactcgag agccagtagc attggattga 84660
tggaagtgtg gggtttatga attattgcag ctgactacca tacctcacac agcgttggtg 84720
ttgtgagcgg cccatgaaaa gccaaattaa aatcaagga ttcagtcaaa ctaagcaggt 84780

actcatgcc a ggtactcctt tctctacca catccatggt tgaatgctat tgccctgtgat 84840
ctttacgctt aactgtttgt tatctttttt gttctttaca agaagtgcag aggggttttt 84900
tgtgtattgc gtgaaaactt ataaaacaaa tgtaaacaga atggaatttt ttttcaactg 84960
tatgtagggc tgcagtgggt gccagaatta gatattctta aagaatttta aatacaataa 85020
acacttcata ttattcgctt tgttacctc aatgcaattc tcaagtctat aagaggtagt 85080
tgcttaatat ttctactgtt gtaggagaat ttgcagtcag ccataggtag gtaggaatag 85140
tcactcactg gctgatacat ttaaagcagc agtgtgaata gcaaggacag acaccttcaa 85200
tttgtgaaat caaagaactg atgcactata tagaacgaat ttgggttttt aaagaaatat 85260
taaaagttag gtactgtaag tgttcttaaa acctgtaaac ttcatctctgt gggctagtgg 85320
tgtgggacaa aatattccta atgaaaggaa gtaccaatta gttgatttgt tgggtggcatt 85380
ccccctttgg gaaagcaatg taaggttatg tctgtgtatg tcattcacac ttaggcaagc 85440
atacacaggc acatggcttt aagaaccaca ctgatgcctt gataattaaa aagaatacaa 85500
gcattccatg tacacatggt aattagcagt tagtgactgg gccaacactt tctcataaaa 85560
attggccttt tacatgttgt ctaattatca tttttcccca aattttgcgt tgtaggacta 85620
ctgttcgaag atttttggaa gaatactgag aacggcataa agtgaagatc gacatttaaa 85680
aaatgagggt aaagaaagct atagtggcat agaaaaagta taaagctcag ttagtttttt 85740
tattattatt attattaaaa gttaattcag gactgatgtg acctaccaga tttcagaaca 85800
tgtgttaata gtatatatgc cactgaaaac ttaggtcctg tatcatactt ttttctttaa 85860
gactttttaa gaaatattac ttaaaccatgt ggcttgctca gtgtttaatt gcaagttttc 85920
aatcttggac tttgaaaaca ggattaaacg ttagtattcg tgtgaatcag actaagtggg 85980
atttcatttt tacaactctg ctctacttag cctttggatt tagaagtaaa aataaagtat 86040
ctctgacttt ctgttacaaa gttgattgtc tctgtcattg aaaagtttta gtattaatct 86100
ttttctaata aagttattga ctctgaacta gtcccctgtt ttaaatacaa gagttacact 86160
attactagag gtgttggtgt acagttttat ctgatttggt ctgtttaaga ctaattttta 86220
tagactttct aatgttttaa ataatgggtc ttcaatttta ggtgggttat aataaatttg 86280
aattttgctt ttaatagcaa agatgtgcag tgaactagaa tatattttta catccctgag 86340
agattcattt agtagaaaat tccaagtatc ctgacaagca ctcttttagct ggctagctat 86400
gggatgatgt agaaaagcat tcaagagcta gtttttggtt agtcctgtat caagattaac 86460
ccagctgtgt cagtttataa atgtatttgt gtatagggtg tgtagtatat atggcaaggg 86520

ttttttcccc ccacttaagt gattatTTTT gtgtcacatc taggaaaacc ggcagcatgt 86580
ttctatctat agccagcttc ttcgactgta taaaagtatt ctctccagct acgtatatac 86640
acacatacat atatatcata gcaattcctt gtggtttata acttgcaaact actgctatca 86700
gtttataggt aaagaaacag tgtgttaaact gaattatcca gggaggggtcc tgtggcttca 86760
tgtttatgga gttgctaggt ctctgcctca tgggtccagt cctgttaagc cactgtgttc 86820
attctaatag gcataatgaa ttgttaaaga atttactaaa atctcttcca ccaaactttg 86880
aaaaataatg aagccgcccc cacttttagag gctctgtatg aaaaaatgct gtggagacag 86940
agccctcctg gctccctagc tgatcctgga gatgcagcaa tagatgaatg gggtatctct 87000
gaatttgtaa gagataattc acatgaggat taagataaaa tgggaagtaa aatctaacaa 87060
acacaaagat agctcccagg cactgctttg tgtagtttga cagcattgtg gttgtagcag 87120
caaaggactt aaagtgatag tttttaaac atattctgtc cctaagtaat aaaaaatcta 87180
ggaagttact aaaataccag atttgttctg ctctgcctca tctagaatca acgtctaact 87240
aacttaaatg aagtataata aatgagttca tatgaaaagg ctctctctat ggacacttag 87300
atatattgta actattgaag ttacctggga tgtgggggtg gtgggaggag gacctgcctc 87360
cccaggacat ctatgactaa ggcttggtt tagttatgga gagagacgta gaagttgaat 87420
tttacacca aaattgatgt gactgaagag gaactgattg ttgctaacca gctcacaaga 87480
atccagtatt gagaccagtt cactagaaga acaaacatt tctgccatgc agacaaaaa 87540
gttattagtt ggtgaatatg tattttctct ttggaagggtc ttttaagggga gcaaaccagt 87600
tttaatcaat cagattgctt ggtaagttg gaatctgcaa tcagttgggtc ttaaaaaaaa 87660
aaaaacttta ttttggaat ttaaagacat acacaaaaga ggaacaatat aattaacctc 87720
tgttaactca tcaccaacaa gactcatgac cacttttata ctctcatgag gattgtattt 87780
gtatccactg ttttctatta ttttcgagca agtctcagac acaccattta atctgtaaat 87840
aattcagcat gtatctctaa aagacaaaga cctcttaaact aacagttcat tagtataaaa 87900
caaattgggt aaacttttgt tggcatcaa actatattag cactggtcca atagtttaat 87960
tttcattgag cctttcaaga ggaccgacca gtctgtgtgt caagacatcc tctctctgg 88020
aatgtagaga taatacatat catgtcctt tttgttaaaa cgtttttttt tccccctcaa 88080
acacagtcca ttcatttttc agtttgggtt gaaacatcct tttcttgatc ttgagcttat 88140
aataacctag tcatattgct cagctcagat atttttactc cctctcctta ggcattctgg 88200

ttccttaa atagtttagtg tcacagagga taaataacca accttatttc taaggctctga 88260
gaacacttgg accacatatt ggttgagctc agccaccttc tgattaaagt tttcagactt 88320
gtaagaactg aaaatTTTTt tgggtgaagt tctctgagcc ctcatccatt ctgtttttaa 88380
aatgcattg cagatgggct atgtgaatat gtttttaa ac atctgatatg tgcataaac 88440
aaaaaact tgaagttatt atgtatacaa ttctgtggga tgggacttca tgcaggattg 88500
gttttcaagt ttgatttcct gagggatttt ttagttgttt gtgaaagaac ccaggtcta 88560
cttttgaaat ttgtattat aattgtaatg ttgccatgg ttaaaaaaa aaagtgttca 88620
gtgatctatg tctctacta ctctatttc tctgtttttc ctctgcagga gcttgctgct 88680
gttaacagtt attcttcaa gttgttttct ttgtggggag atgggaggtg ggaggaaata 88740
taaacatata tgtatagatc ttcaaaaata tatgacggtat taccgtagt ttctgagctc 88800
tgctgttttt acctggtaat atttagaaac atttattttg agataaagga gagcactttt 88860
aagttgaacc tgtagtttta aaagtacat ttcaagtaag ccaaagcaga gaagtaaatg 88920
tatttttcat tgtgtatca gaattttgaa ttactattt taaaaattca agagttttgt 88980
agctgatcta tttcttccc tcagccatcc caaatagggtc atttgtcaac agatttaaga 89040
atgttttagaa acaacaactt tgggaaacgg gaaacaattt ggtataagtg ggtgtgcat 89100
aacctctctc gtagccattc attcccggt acatacccta gagaaactct tacacatgct 89160
taccagggga tggatttaag ctttgtgtg taataggaag aaaagaaga aaaacccggg 89220
aagatcccaa gtgtccacca acagtgtgtt ggataaatac tgtggtatat tccaacagt 89280
gaattccaca gaagtgaac tgaactgcag ctgtgtatgt gaacatggac aaaactcaac 89340
aatagaagga tcaaaaaaag caagtcacag aagaatacat cactatggtt ccatttcaat 89400
gaaagtcaaa aacaggctgt caaatatg ataaaaggaa acgattaaga caaaatttaa 89460
tgtagccgt tttgatggag ggagaggtga tcatgagggc acaggggtct tcagaagaac 89520
tggtaggggt ctgtttctga agcctgtggg catttccttt tttaactctgt atgtttatgt 89580
gcttttgtat gtatgatatt tcttaataaa atttaaaaag aagaatggga aaaaagtctt 89640
gggtgtaggt gttactaata tataagctgt agtgtatttc gtaaaattaa ccatcagtca 89700
gtgacaaatt taaagatgct gtttcttgag tgcccaattt aaggttttat tttgtttgag 89760
acagggctct tgtcttgta ccagggctgg agtgagtg cagagctca gctcactgca 89820
tctttcgct cctgggttca agcattctc gtgctcagc ctcccaagta gctgggatta 89880
cagcttcgca ccaccacacc tggctcattt tttgtattt ttagtagagt gtttcacat 89940

gttggtccagg ctgggtctcaa aactcctgac ctcaaattgat caggcccacc ctggcctccc 90000
aaagtgtctgg gattacaggt atgagccacc gcgcccagtc ttcaaattga ggtcttaatt 90060
gtaactctta aaaagctaga aacggcgaca agagcaagac tccgtctcaa aaaaaaaaaa 90120
aaaaaaaaaa aaaaagaaac ctaaatgtat gttttctgtg tgatacctta ttttcatctt 90180
aacatagttt ctacttgtct gccagccagg gagctgatgg ttttgttttc ctgtctaaac 90240
agcttccaaa gaagcttttc tcaggcttat gccattctgg gaaagaaaac tgctttactg 90300
tgctgtactc cttcccctgg cccaagttag gttgttacct cagagaggct gctgctttgg 90360
ccttgttcta attttagtag gggtagtg aacacaaaaa tgtttactct ttaaaaagag 90420
gaaagtgact gaaatttgaa ttggcagatt cataagggtc atataactaa ggccctacgt 90480
cagtttacag cagccctggt acccctcaac tatgtctccag gtgagacttg gatccctca 90540
gtatgagcat agggcttggc tgtgagttca tccaacacat ccccgagtgc tcctatgtgc 90600
tgtggagtga ctgatacctt tggatacacc aagaacaaaa taggtgcagc tccaggctcc 90660
tccgctatgg aatctgtcct cactgcagca gtggcaccct cagggtgtg ccttgtacac 90720
aggacttctg aaaggggagt ggaaaggggt ggtgctgttg agttactaat caccctatta 90780
gttgaaagtg cagagttaat gaacaactaa gaattctagg tcatttcata ttttatttta 90840
acctaaatag ttctgggact tcttaggatg gcattttggt acgtgattaa tttcacttaa 90900
ggccatttta gaatcagtg aattggccgg gcgcggtggc tcacacttgt aatcccagca 90960
ctttgggagg ccaaggcagt cggatcatga ggtcaggagt tcaagacctg cctggccaac 91020
atagtgaac cctgtctcta ctaaaaaaaa aaaaaaatt agctgggtgt ggtgggtggc 91080
actgtagtcc cagctacttg ggaggctgag gcaggagaat tacttgaacc tgggaggcgg 91140
aggttgcagt gagctgagat cacaccactg cactccagcc tgggtgacac agcgagactg 91200
tctcaaaaaa aataaaaaat aggtgggcc tgggtggctca cccctgtaat cccagcact 91260
ttgggaggct gaggtgggtg gatcacgagg tcaggagttc aagaccagcc tggccaacat 91320
agtgaaaacc catctctact aaaaatacaa aaaaaattag cgggcatggt ggtgggcact 91380
gtagtcccag ctacttagga gacaggcagg agaattgctt gaaccggga ggcagaggtt 91440
gcagtgagcc aagatcgtgc cactgcactc cagcctgggc aacacagtaa gactctgtct 91500
caaaataaat aaataaaatg agttggaatt gcaccttact cagggattag tttttataa 91560
tcgatgtgtg aggtgaaaac taatcaaatt actcttgaag ctcttcaa tttgttttac 91620

tgataatctg cagccttaag acttatttgt gttatagaaa atgagttttg gctgggcgca 91680
gtggctcaca cctgtaattt caacacttcg ggagaccaa gcgggcacat cacatgaagc 91740
caggagttcg acaccagcct ggccaacatg gcaaaacttt gtcaaaacta tttttaaaaa 91800
ttagctgggc atggtgatgc atgcctgtaa tcccagccac ttgggtggct gaggcattgag 91860
aatcacttga acctacgaga caggttgac agtgagccga gatcatgcac tcaagcctgg 91920
gtaacagtga tatgcacccc cccaaagttt ttcttttttt cttttttttt tttttttttt 91980
ttagagataa ggtcttgcta tgttgctcaa gctaaacttg aactcctggg attacaggcg 92040
tgagccacta tgccctggcct caaaattaaa aaaaaataag caatttagat gctgacctga 92100
agtgcctctg tcaccttggt acaggaggcc gcaaagtcta actaagcaag ttgcagatgg 92160
tcccacatga cgtttctgaa tgaaacagga cacttcttac tattggaacc atttttctct 92220
gttttgaaca gttggataag ggaagtcttg acgtgctgcc tatgtgtccg ctgcccttca 92280
tcaaagttga gctactgaga aattggagtt gaaggaacag tggctaattg catgtgctgg 92340
gatgcaagta agacattatg cttggccata aggagttctg gtattttatg tatacctctc 92400
ccacaagctt tagagatgac ttcgtggtct aggaggaaca ggtgtgtaaa gaagtgcag 92460
tgtggtgtgt gtgaataaaa gtgggtagat agggccaagc cattgcatga gcccgtacaa 92520
ggtgcaagca gagttattaa ctagaatttg gcaaggagc tgacccggaa ggatcctagg 92580
gagtgtgtta gggaggaatg tagcatggga tgtgatgaca gctcacttta gatgttagtg 92640
agggcaccag ctggtttttc agcttatttc acagaccagt ggcatgggct gtgcctcgcc 92700
tgttctgtaa gtggtatgtt aaaaatagcc tcaaaggtat taatcgttat tggctgggca 92760
tggtggccac ctctgtaatc cttagcacttt gggaggccga ggtgggagga tcacttgagc 92820
ccaggagttc cagaccagcc tggccaacat agtgagacct cgtctttttt tttttttttt 92880
taaacggaga cttgctctgt ctcccaggct ggagtgcagt ggcgcaatct gggctcattg 92940
caacctctac ctcccagggt caagcgattc tcctgcctca gcctcctgag tagctgggat 93000
tacagggtgtg agccactgcg cccggccaag acctcgtctt aaaaaataaa atttaaaaaa 93060
tacttggaac gatgcggtgc ctacacactg taatcccagc actttgggag gccgaggcgg 93120
gcggatcact tgaggtcagg agtttgagac caacctgtcc aacatggcga aaccccatct 93180
ctactaaaat taccaaaatt agccaggcat tttggagcat gcctgtaatc ccagccactt 93240
gagaggctga ggcaggagaa tcgcttgaac cggggtggcg gaggttgagc taagccgaga 93300
tcgcccact gcactccagc ctgggtcaca gagtaagact ccctctcaaa aaagaaaaaa 93360

aaaaaaagga gttatttact caactcagat atcatgccat tttgtagatg agtttaaaaa 93420
ggtgtaaaca ggaagtgata gtatgggaca cgtttaaaaa tgaggacaat tggccgggca 93480
cagtggctta cgcctgtaat ccagcactt tgggaggcca agagatcact tggggtcagt 93540
tcgaggccat cctggccaac atggtgaaac cccatctcca ctaaaaatac aaaaattagc 93600
cagggtgtggt ggcacatgcc tatagtccca gcgactcagg aggctgaggc aggagaatcc 93660
cttgaacca ggaggcagag gttgcagtga accgagatcg cgccactgca ctccagcctg 93720
gacgacagag caagaatccc gtctcagaaa aagaaaaaag ggttggggga cctgagcaca 93780
gtggctcaca cctgtaatcc cagtactttg ggaggctgag gcgggtggat caccttaggt 93840
caggagtcca agaccagcct gggcaacatg gtgaaacccc atctctacta aaaatacaaa 93900
aattagctgg gcgtgggtgt gtgtgcctgt aattccagct acttgggagg ctgaggcatg 93960
agaatcgctt gaacttgga gtgagctgag atcgtgccat tgcactccag cataggcaac 94020
agagtgaac tctgtctcaa aaaaaaaaaa aaaaaaaaaa aaggcggagt gggggcggac 94080
actgatagaa cttgtgttgc caagtgggtc ctggctttcc tagcaccatc agtcaccct 94140
gcccattgtg gttgacctga agagactctg gccatttgtc ctgactgaat cttataaagc 94200
atacatcagg attagggcac aactctacaa aataaactgc ccttgggtgta agtatcatc 94260
cttgtgatgt tttttatagc tttttgtcaa aacctaaac ttaactcttc tcccagccca 94320
gagaaattgg agatgacgaa acataataat ttctcacagt tcaaaccatga agttagccaa 94380
actggtatat gcatccagac ttcattatgt gtgaaataat gatttcagtt ttttaattcc 94440
tgggattgat tatttattta tttatttatt ttgagagaca gagtcttgct ctgtcgccag 94500
gctggagtgc agtggcgcaa tctcagctca ctgcaacctc tgcctcctgg gttcagggtga 94560
ttctcctgcc tcagcttccc atgtagctgg gactactaca ggtgtgcgcc accacaccta 94620
gctaattttt gtattttttt tagtagagac tgggtttcac tatatgttg ccaggctgg 94680
ctagaactcc tgacctcagg tgatctgccc accttggett cctaaagtgc tgggattaca 94740
gggggtgagc caccatgcgc ggccattcct gggagtatgt aataagtcac ttttgcagct 94800
ttgctatcat agcagggcct ttctgtcaga gatggcacat attctgtcaa tctggagctt 94860
ccatttttca ttaaaatgag ttccacttcc tgaaagtccc gcagtcttcg aatgtctttg 94920
tccttaatgt agaaaagaaa ttatattatg cttaataaat ttgaatgtaa tagaaaacct 94980
taatattaat attgttcagc atcttgggtt ctgaacccat aaggattgtt tttttttgag 95040

acagagtctt gcttttgtcg cccaggctgg agggcaatga tgcgatcttg gctcactgca 95100
acctccgcct cccaggttca agtgattctc ctgcctcact tggtcactg caacctcagc 95160
ctcctgagta gctgggattc agacatgcgc catcatgccc ggctaatttt tgtatttttt 95220
atagagacag ttttcaccat gttggccagg ctggcttga actcctgact tcaggatgac 95280
tgcccacctg ggctcccaa aatgctggga ttacagggtg gagccactgc gcccggtccc 95340
cataagatag ttctgtattt ttttttttga gacaggggtc cgctctgtca cctaacctgg 95400
agtgcagtgg cacagtcaca gctcactgca gcttcaacct cctaggctca agcaatcctt 95460
ccacttccac tgcagcctcc caagtctact acaccagct aatttttgta ttttctgta 95520
gagacagggg ttcacatgt tgcccaggct ggtctcaa atctgagctc aagcaatccg 95580
cccacctcgg cctcccaaag tgctgggatt acaagcatga gacaccacac ccagcagatt 95640
tttgttgtta aggtatcttg aaagcatgat catcccttga catgttagtt taaaagaat 95700
atacactata agccaagaca ccagtaagga ttgccaaagg aacagcagct caccacctgt 95760
tatccagca cttaggagga tgaggccagg ggggtgagaa cagcctgggc aatatagcca 95820
gacccatttc aaaaaaaga aattaatgga gtgtgggtgt gtgtccctgt agtcccaact 95880
actctggagg ctaagatggg aggatcactt gagctgagga tttcgaggct gcagtgagct 95940
atgatcacgc cattgcattc tattgtgggt gacagagacc ctgtctcaa aaaacaaaaa 96000
acaaaaaat tgccaaagga attttgaaag ctttaaagaa aaatttcaa agaaataaga 96060
tttctttcc aaaattaaaa attaatct gtattttaaa tctgggaaat atataaaaat 96120
gcaaaacaat ttttgtttgc taatatttca aatacttagc aaaccaccc tttgctaagc 96180
aaacaaggat ggggttgtgt tttttttt cctgaggact atgccatttt atgttaacca 96240
gtcaattttg cagagattgg tggggccaaa agcactgaac taaagcctta aattggggag 96300
tcacttgtca ttcagagggt tgttttttt tgagacaggg tctagctctg tcgccaggct 96360
ggagtgcagt ggtgctatct cagctcactg caacctctc ctctgggtt caagcaattc 96420
tcctgcctca gcctcctgag tagctgggat tacaggcacg cgctgccatg ccagctaata 96480
ttttgtattt ttagtagaga cgggttttca ccgtgttggc caggatagtc tcgatctctt 96540
gaccttgtga tctgccacc tcggcctccc aaagtgtggt gattgtactg gtgtgagcca 96600
ccgtgatcgg accattttaga ggttttttaa aggtttatgg attagatgtg caaatcttaa 96660
aagcgcaga ttgaaaatga cctagctacc atgtttggcc gttttgcagc caggatttct 96720
gggtgcatga aatgcagaag tgtaaacgat tggctccaga gaacatgatg tcacccactg 96780

tgattctgca tttagaaact cttaacccctt acctttctga gcagtgtgtt tggtagcttt 96840
ctgatcttct ccactcgttc tggtttaatc cccagttcac agcaactcac gtttagtagg 96900
ttttggtaac tcagttcttg tctcttcagt tcaatttcaa tgaagtcatt ttctttgggg 96960
ttctgaattc tgactttaaa cacaagctct aaatcaccca taaattcaaa tacagtttgt 97020
aaaggaaaca aaataacctgt cagagatttt catatctatt attacagcat aaataatcct 97080
aaaaactgaa tgtaagtag acatggagct ttcatgggca catacacact ttgcattagc 97140
tgaggggtct tttcttgagg tgttgggcaa gctctgggat gtatgcccc attatatcca 97200
ctgaagacag aaagcttgca gctttaagcc agccaaggat ttaaaatatg caatggatat 97260
ttaaacacat cacccttggg caatacatag cagggtgctca taccttggtg cttatctgga 97320
aagcttcagg gaaatgtata gccctggggg ccctgggtgc cttaaagaag ctattgtgca 97380
gaggagcaaa tcgctcttga gattcctacc caccaccccc actcctccag aaataggata 97440
attctaccat ctttcaggac agtggcattg tattccaact taactgtcct gagaagatac 97500
agtatgaact aaaagtccaa atggaaagca gatggtcagt ttggctttgc aacctgggtca 97560
cataggggct gagtcttcac ctagacaggt gtcactgggt ttcttggtat cacttgggtc 97620
cgttggtggc aagtgtggat ttgtgccttc ttgtttatat tcacctggga atcaggaaag 97680
agttgagaag gagcagtacc tgaccagttg gctgtctgcc agacaaagga caaggatgcc 97740
ccacttcac ttctgcctt gcagcttatc ctcccccttct caagggaaaa ggcaagtcag 97800
gaaaagggca gtaatgactt tcagtcttga agagtaattt tctttaatca ccacccaaat 97860
catgaaaagg agctgagaca gtatttttaa atgggtgcgt atctggggaa gaaatattta 97920
taatctctgt gcttagctca agtttttact taaatatttt tggcacagag tgctttatgt 97980
cttcagttct ctagcagaga tacagttagg aggggtgtct tataaggaga aattttctca 98040
cccagaggga agggaaagga gtgaatattt agagtgttt gcatatgcca ggccttttgt 98100
gtattttctt ctttcttaca atatccactg aacatgttga aagcctgctt tgcaccaggc 98160
actgggctaa gccctgggga aatcatgttc aaaaatccca aagatgtctc tgtgtcctc 98220
gagtttgcag gccagcagaa gagacagata ttaataaatg ggaaatcaca gttgtcgggg 98280
catgatgaat gtgaaataca cagtactttg aaagcatgtt aggggtcaag ggaggcctcc 98340
atgaagggtt attatttgag ctgacatctg aaggatgaat aggcttcact agatccagag 98400
ggcagaggag gtgaagagct tttcacaggg ccctgtggag agttcagcat ggctgcaggg 98460

cagagagcat ggggggactg agtgtcagac aggctggcag gggccagtta gtccaattat 98520
gtagcttctt gtcacatgag ataagataca cgataaggta aaatataccc tggattttgg 98580
aggcaataaa aaattttcat acttatatgt tgacataatg atttgcatat agcgggcaaa 98640
gtatattatt aaaattagtt tcacctgttt ttacttttta aaacatggct actagcaatt 98700
ttaaattaca tatgtggctt gcattacatt tctattgggc agcattagtc tagatgaaag 98760
gttttggctt ttgtcctaaa acaccaccaa gccattcttg tttttagcag agagctgtca 98820
taatcagact tgcattcttg aaaagagaaa agcctcactg tccccaaaag aatcctgttg 98880
ggtatgcaca ttattatttt cattttcaga caggaaaatt gaggtgaaa ggggaagtag 98940
tttgttcagg ttggtaaatg gccagatatg gatgtgacca gggccaacta cataatttgc 99000
aaagccgagt gcaaaaggaa aatgaagagg aagccaattt ccccttctca cagccgctgc 99060
tctaaccag ggcaaagg tgcgcccag ggtattgca cctccccact tgaacgcacc 99120
aactagctgg atgggggtgg gtgagagtgt ccagggtgc ctgccactcc tcaacttctg 99180
atccttgttt tgcctgggca aagggtgacag cggaatgagg gactctggca gagggttaca 99240
gcagtgggtg ggctggctg ggtgtggaga ccatatgtat gagctgaggc tccaactccc 99300
aaccttgga catgtccat tgtcccatg gacaccactt acaaaacaag ttcagggtca 99360
aaattatgac acatttcaag tcaacaatca cagaatgttg aacccaagc ccagggcctt 99420
tctgaatgca aggcctggg cagctgcact gatcacagac ttatgaagtc agcctgttt 99480
gtgccaccct gccagatgcc tccaaggaga tgagacgctc ctgccaact cagccccttc 99540
ccaggacagg aataatgtcc cctcccctag tgagcgggga tctgcagtct tctctttgcc 99600
tttcaattct gggccctgga ggtggctcag ggctgtggct ccttctcagg cagcccctgt 99660
agcagctggg cccagccca cctgccagta cctgacctga tatcgatacc tgatagagat 99720
accagaacct gacctgaaac gaggccttcc tgcctcactg ctaactcacc caacacacag 99780
cccgagaact ttccctgccc tgtccactac gtttgaaagc attttattct gtggtcaatg 99840
tgtcagctct gtgaacggcc agagtctcat agaggtcaca aagcatgccc tttgcactca 99900
ggcagatttg ggtctgaatt cctctgccac ttagtagctt tgacaccttg ggcaagttac 99960
ataacctctc tgatctgaaa atgaggttaa caatcctacc tcaccagatt gtaagaagtc 100020
aatgagaaag tacacagaag gtacaacttc ctagcagttg tgagcaccag taattgctgg 100080
ctgctattat tatttattat agctatagac acttgcttcc ttctgaaagg acctttggtc 100140
tagttgctct gctcttact accccactgg cagagtggcg gaggccacag ggcaactgctg 100200

gccacagcat cacctgtgtc ccagccttcc ccagccccct gtcccatcct ccttgaggac 100260
catgttgga acaggactcc cagactcacc tgcctgcttc tccccgatgt cctgttccgg 100320
ttcagccatg agtcacctct agtccgtcag atgtgcagcc cctctcgcat ttatgcacaa 100380
gctcccaacc aaataaaaag cactttctac agcctcagca catctgtctg caaggtaaca 100440
acagtgtgtt cttgccagcc cagtgcagata gagcaggggc atttttattt tatagatagg 100500
gaaaaggagg ctgcagcgtg tggcatgatt tgcacagggt gaggccagtg aagggaaggta 100560
ctgaagtaag gctccagact ctcttctcag gctgtcccca ctggaagacg gtgcaggccg 100620
gtagtactca cccgagggaa tggcgccctt cggaggggag gccagagagg cacagcaggc 100680
accagccag acccgagaag ggggccaggc cctctttctt ggaaaagggt ggtagcttct 100740
acaccagggg taagaaaaac caaacacttt gtttctcggg ttgaatggac tctcctccc 100800
catttctactg tctttactcc cagccccttc ctcagcagct gtgcatgaca agaaagaagc 100860
agaaagaccc ctccatacct gggaaaatga ccttggtgat gatcctggat cccctgattc 100920
tagacatcaa aatggaggag gcagaggctg gagcaggagg ttcagtgaag aatgggtggg 100980
gagggtcaaa gtccccagtg aggtgctgc ctcaaaggca ggctgaagac aggaggagg 101040
gcacagatag gaaccagat gttcgggtaa cgctcacatt tcatttaacc ctccaatgac 101100
aaaagacggg caaacagacg gggcatcagg gtgggcctca gcatcaaaaa actggaggga 101160
gctggtggg tgcggtggct cagcctgta atcctagcac tttgggaggc tgaggcgggt 101220
ggattgccg agctcaggag ttcgagacca gcctgggcaa ctcgatgaaa ccccatctc 101280
tactaaaata caaaaaatta gctgggtgtg gtgtcgtgcg cctataatcc cagctactca 101340
ggaggctgag acaggagaat cgcttgaacc tggcaggcag atgttgcat gagccgagat 101400
cacaccattg cactccagtc ttggtgacag agcaagactc catctcaaaa aataaataaa 101460
taaataaata aataaacact aaaaaaaac cataaaccaa acaacaaca caaaaaacca 101520
aaaaaaaaa aaaaaagctg gagggagcta tggagatcgc agcccccg ctctcaaaaca 101580
tggtgtgcat tgaagtcacc tgggaagctt taaaaaccgt ggatgccag gtcccaccct 101640
ataaagtctg atttagtgg tctggatgca atcagagccc cagaactttt gaaaggttcc 101700
cagctgattt caatgtgcag ccaagactgt gaaccactga tttggccaaa ctgcttaaag 101760
gagcaaacag ggaaaacgag gccttagtaa gtgaaatgtt taccactagt cacgtggcca 101820
gccaggcaca ggcctggcac tggacctggg tcacctggct gccaggcca tgctgtcttc 101880

ccagcatgct ggtgtgtctt tctgcaagaa caggggaagg gcaggggtggg gcaatggaga 101940
ggcggaagta gcagggatcc cctggcctgg actcctgaga aaatgcactt tggccagcct 102000
ggctgccagg gtgtggtccg ccataaaaaa ggcatcctga acctcctccc ctgagtgggt 102060
gtggctacag gtgcagggga actgtagatg aaaaggcttg gcacttgagg gaaagcctca 102120
gttcattctc attttgctca cctgttcggt ccattcattc actcactccc cgttcactga 102180
ttcactcatt cactcacacg ttcactcaac aacactcatt tttttcttat ttaggggaac 102240
acacgttctt cttttaattc attttatttt ttgagaagga gtttcgctct tgcccaggct 102300
ggagtgcaat ggtgggatct cagctcactg caacctccat ctcccagggt caagcgattc 102360
tcctgcctca gcctccctat aaatagctgg gattacagct gtgtgccacc atgccagct 102420
aatttttttt tttttttttt ttttttagta gagacggggg tttgctatgt tggccaggct 102480
ggtcttgaac tcctgaccac aggtgatcca cctgcctcgg cctcccaaag tgctgggatt 102540
acaggcgtga gccaccgct cgggcctttt agttaatttt aatgtttaaa attaaagtat 102600
tacatgttct agttaaaaaa aatctactgg tactaaaaat cagagccgat taggaaggaa 102660
gaaggcaaag tgtgttgggg ggacaatcaa ctgccacaca ggccttgga tatgacttgt 102720
tcattcatt atgctgggca cttagtgggc ctttttatcc atgtattagt tttgcttgtg 102780
tgtgagcctg tgagaggtag cttttaattc tgatatagtt tcaaacttac agaaagttgt 102840
gcctggagta gtggcttatg ctaagggtggg aggatggctt gagcccagga gtgcgagacc 102900
agcctggcca acatggtgaa actccatctc tacaaagaat aaaaaaaga aagagcttta 102960
cttctcatcc attcattcat ttattatcat tgtgaactca tggattctta ttttattcag 103020
tgggtcacaa tccatcacta tcatgatcta ttttgatgct ttaatcatcc caactttgtc 103080
cagcatttta tcctggcagc tgtttcccat atcctttgac atatcccat tattttgtga 103140
gcactttctt tttttttatt ttatttttta gacggagtct tgctctgttg ccgaggctgg 103200
agtgcagtgg tgtgatctca gctcactgca acctccgct cccagggtca agcaattctc 103260
ctggctcagc ctcccagta gctgggaata caggcacacg ccaccaggac tgggtaatat 103320
tttttggtat ttttagtaga gagggagttt caccacattc gtcaggctgg tctcaaaatc 103380
ctgacctcaa gtgatccgcc ctcttggcc tcctaaagtg ttgggattac aggcgtgagc 103440
caccgcaccc ggactgtgag cactttctta tttcatggca catcaagatg ttctgggttc 103500
cattgtactt tcctgcccc agcctgcga tcaggcattt ctccaaggag ccaggttatt 103560
ttccatgagg cacaggtgtg atcattccca tggagatgtc attgcttcta ggctcttccc 103620

gtgtgcagag ctaggagcac acatgcatat acgcacataa acacataaac acatgcatct 103680
atctctgtat atagatatat gttttaaaat caatctaatt tatttagttt cctcttttgt 103740
gtgtgtatat atttaagaga acaacttcat atttctagtc ccattccaac accaaaggg 103800
tctcccttgc tggttgctt gccttccttt ctctctccgc cttctctctt tctttctat 103860
tttaaacac agaaatttat tctctcacag ttgtagaggc cagaaacca agatcaagat 103920
gttggcagca ttgattcctt ctggaggctc tgaggaagaa tctgtttcat gccgctctcc 103980
tgttctgggtg gttgcaaaaa tccttggtgt ttctggccta gctgtcttca gttccatatt 104040
gtaactctct tctccaaagg gtaaatctg gctcctaaca tctttgatac atttactcct 104100
ttgctcagtc caattcacag aaagtctcag aattgttcat ttgaaatata tttagggttca 104160
ttgtttctgt ttgtataaga ggattcttcc cagtccttgt tgcttttatt tatttattta 104220
tttatttatt taagacagag tcttactctg ttgctcaggc tggagtgcag tgacgtgatc 104280
tcagctcact acaacctcca cgtctcgggc tcaagcaact ctcatgcttc agcctctga 104340
gtaggctgca ccaccatgcc tggctaattt ttgtattttt tgtagagaca gggtttcgcc 104400
atgttggtca ggctggctc aaactcctgg cctcaagcaa tctgcctgcc tcggtctccc 104460
aaagtgcctg gattgcagac atgagccact gtgcctgtca atttattatt tcttgaatat 104520
attaatcatt aaatggttct gtaggtagag tcaaacatt gatattttaaa aaagtgtcgt 104580
tttacttttt tatcccttcc atttcattcc catctatcta tcccctgtag gaaactaatc 104640
tcattcgttt ctgacttacc cttcttatgt ttctttttgc aaaattaaat agatacgttt 104700
ttggccgggg cacggtggct cacgcctgta atcccagcac tttgggaggc caagggtgtgt 104760
agatcatgag gtcaggagtt cgagaccagc ctggccaaga tattgaaacc ccatatgtac 104820
taaaaataca aaattagcca ggcgagggga tgggcacctg taatcccagc tacttgggag 104880
gctgaggcag gagaatcact tgaaccagc aagcggaggt tgtggtgagc tgagatcacg 104940
ccactgcact ctagcctggg tgacagagcg agactccata tcaaaaaaac caaaaaccaa 105000
aaactttttt ttttttgaga cgcagtctcg cgctgtcgcc caggctggag tgcagtggca 105060
cgatcttggc tcaactgcaag ctccgcctcc cgggttcaca ccattctcct gcctcagcct 105120
cccagtagc tgggactaca ggcacgtgcc actatgccca gtttaatttt gtatttttag 105180
tagagatggg gtttcaccat gttggcaggc tggctctgat ctctacctt gtgatccacc 105240
caccttgccc tcccaaagtg ctgggattac aggggtgagc caccgtgccc ggccatagca 105300

gcctgatttt aacccaccac ctaatactgc tcctccctgc actgttttgt gattttgaca 105360
aaacaaccca ttagcatctc cttctgacag gagaccacca actgtggagt ggttctggcc 105420
attctgcaga ggatgtgcag tgaaggctct cctgtcttct gcgtcacctt ttgatatcag 105480
agggctaata actccatgct ccaatcgtgc taatgccacc attttttgaa catgggtccc 105540
gtggagaagc aggaagcaca attacacacg ggccattttc tccattcata aatattcatg 105600
actcctccaa tagcttattg aatatgtata tctggccacc tcgttcagcg taaatccctg 105660
tgttattctt cccatccttg aggtgttggc ttctggctat gcttctcagc ctgtccact 105720
tgccaccctg taggctgcaa ccccggtgta gaaagaaggc tctcctttcc aaatgtatga 105780
acgtgtcat tcttcagtcg acacagttga gaaggcagcc tcacagagcc cggcacacct 105840
gtgtgttggg gaagacagct gagggctctc agcaccccca gaaggcctcg aggtctgtg 105900
aaaccactgg gcctgaggtt gcagtgaagg gtgagactga aatcaacaca cttttcctgt 105960
ttctgtgata aacaatacag ggaccagaga aaaatagctt ggctgcttgc tcctaggaga 106020
taagactgca aagcaactat taggttggg caaaaataat tgtgggtttt gccatttaa 106080
agtaatggca ggccaggcgc ggtggtcac gccctgtaat cctagcactt tgggaggcca 106140
aggtggggcg atcacttgag gtcaggagt caaaaccagc ctggccaaca tggtgaaacc 106200
ctgtctctac taaaaataca aaaattagcg gggcggtgtg gtgtgcgcct gtagtcccag 106260
ctgcttggga ggctgacgca tgagaatcgc ttgaactcag gaggtggagg ttgcagttag 106320
ctgagatcat gccactgcac tccagcctgg gcgacagagc gagactctgt ctctaaataa 106380
ataaaagtaa tggcaaaacc cacaattact tttgcacca cctaataaat agtacttggc 106440
tcctagctga cccttgtgtt tattgaatca atgaagaaaa tctagttagg catggtggct 106500
catgcctgaa atcctgacaa tttgggaggc ctaggaggta ggatcacttg agcctatgaa 106560
tttaagtcta gcttgggcaa tatagtgaga ccctgtctct acaaaaaaat ttttttttt 106620
gagacagagt cttgtcttat ctcacaggct ggagtgcagg gcgcaatctc agctcactgc 106680
aacctccgcc tcccagggtc acgccattct cctgcctcag cctcccaggt agctgggact 106740
acaggcacct gccaccacgc ctggctaatt ttttgtatgt ttagtagaga tggggtttca 106800
ccatgttagc caagatggtc tcgatctccc gacctcatga tccgcccgcc tcagcctccc 106860
aaagtgtctg gtttgcaggc gtgagccact gcgcccagcc tacaaaaaat ttaaaaaata 106920
gccgggtgtg gtggcatgtg cctatagtcc cagctactca ggagtctgag gtaggaggat 106980
cacttgagcc tgggagggtg aggtgcact gtgcatgat tatgccactg cactccagcc 107040

tggtgagggg ggagagagag agacagataa aataaaatct gtaccagatt ctaagattgg 107100
agacccgaga gagagagagc gaaagaaaaa ataaaaatct ataccagctt ctaagattgg 107160
agactcaaca aataatccag ttctggtgta taaaaaatat ggcagctctg ggagggcgag 107220
actgtcatgg gggtagaagt cctattctta cttctgagta tggagtcata ggcaatttgt 107280
ttatcttctc tctgagcctc agtttcttca tctgtacaat gggagataat aataccatct 107340
attctacttg tgaggatgat tcaaggatag aatatacaaa aatacatact gtgaattttt 107400
ttttttttta gacacagttt cgctcttgct gccaggcag gagtgcaacg gtacaaactc 107460
ggctcactgc aacctcagcc tcctgtgttc aagcgattct cctgcctcag ccttcctagt 107520
agttgggatt acaggcattg accagcatgc ctggctaatt ttgtatatatt agtagagacg 107580
ggttttcatc atgttgcca ggctggctc gaactcctga cctccggtga tccgcccgc 107640
tcagcctctc aaagtgttg gattacaggc gtgagccatc gcgcccgcctc attctgtaaa 107700
ttttaaagtc ctgtatgagt tgttggtat tgccattcct tgaggaatc ctggaggcct 107760
tagagaagcc aattcagata aaggccttg gcaaccacta gggatcagga gaggactgga 107820
tgtttcttca gggacagctc tctttaccaa agacccttca cctgctagca ccaccttccc 107880
tccaccgttt cgttttgttt tcctcttggg agtggggcac tattgtagcc ataccattct 107940
tttctttgat cttggaatca gcaaaaaggc ttgattgagt aggatgatga cttcaccttg 108000
aacacacatg tgggctgttg actaccttat agtgctgggg ccacaagagt aggtggaaga 108060
ggagagcccc agggcagttg ctgggttttg acttcatgag atggcaattt gaacaaggga 108120
tggaaggga ccagggaag tcaaaaagcc taactttgcc aggcacagtg gttcatgctt 108180
gtaatcccag agctttggga ggccgaggcc aggagttaa gaccatctca ggtgacatag 108240
tgagactccg tctcaaaaaa aaaaaaaaaa tttttttttt tgtggacaga gtctggcact 108300
gtcatctagg ctggagtga gtggcacaat ctcggctcac tgcaagctct gcctcccagg 108360
ttcacaccat tctcctgcct cagcctctca attagctggg actacaggcg cctgccacca 108420
tgctggcta atttttttta ttttttagtag agaggggttt cactgtgtta gccaggatgg 108480
tctcgatctc ctgacctgt gatccgccg cctcagcctc ccaaagtgtt gggattacag 108540
gctcacgcct gtaatcccag cactttggga ggccaagaca tgtgtatcac ctgagatcgg 108600
gagttcaaga ccagcctgac caatatggtg aaaccccatc tctactaaaa atacaaaaat 108660
tagccgggag tggtggcaca cgctgtaat ccagctact tgggaggctg aggcaggaga 108720

atcgcttgaa cccgggaggc agaggttgca gtgagccaag atcatgccat tgcactccag 108780
tctgggtgac aagagcaaac ctctgtctca aaaaaaaaaa aaaatatata tatatatata 108840
tacacacaca cacacatata tacatacata ttacaggcac gagccgccgt gcctggtcag 108900
aaaatatata tatatatattc ctgaccaggc acgatatata tttcctgacc aggcacggcg 108960
gctcgtgcct gtaattctca cactctggga ggctgaggca gaaggatgct tgggcctgtg 109020
agttctaaag caacctagga aacatggcga gaccgtgtct ccagaaaaaa aattaaaaca 109080
taaagtagcc aagcatattg tcatgggcct gtagtcctag ctacttggga ggctgaggtg 109140
agagtatcac ttgagcccag gtgatcaagc ctgcagtggg ccatcatcat atcactgcac 109200
tccagcctgg gcgacagagc gagatcctgt ctcaacaaca acaacaaca aatttcccag 109260
ggcctttgta ttaccttgta aataaaaaac aatgaatatg gtaaaaaaaaa aaaaaccagc 109320
aaaaaatcaa caagcattta gatacaaatg ggaagaaaca gagcagggca gggagagtcc 109380
cgcagtcaga gaacatcacg gctgggtgga caggtgatag gactctcacc ccatagctct 109440
tctcagctgg cctgtctgct caaatcttct ggaatgggaa agataccac aaccaggag 109500
aaactaaaca gcagcagcac cataaggaga cagacacaga tggcatggag aattcttaca 109560
cattgaagcc ttgtgatata ggcggcactg caacagacag gccatcctgc cacccaacaa 109620
gttatgctgt ttcttttctg agagacaaag tcttactctg tctcccaggc tagagtgcag 109680
tgggtgcagtc atagcttact gcacctcaa actcctgggc tcaagcaatc ctctatctc 109740
agcctcttga gtagctgggt ctacagggtg gcaccatcat gcctggctaa tttttttttt 109800
tgagggtggag tctcgtctg ttgcccaggc tggagtgcag tggtgccact tgggtcact 109860
gcaacctctg tctcccaggc tccagcaatt ctctgtctc agcatcctga gtatctggga 109920
ctacagggtg acgccactac gtccagctaa tttttgtatt tttagtagag acgggggttc 109980
tccatgttgg tcaggctgt ctggaacttc cgacctcaga tgatctgcc acttcggcct 110040
tccagagtgc tgggattaca ggtgtgagct accgtgcca gcagctatga gtttcttct 110100
aagaagagag agacagcctg ggcaacatgg tgaaaccccc gtctttaaga aaaacataaa 110160
aattagccag gtgtgatggt gctcacctgt agtcccagct acttgggagg ctgagtcagg 110220
aggatcgctt gagctaagg ggtggagggt gcagtgagct gccactgcac tctagcctgt 110280
gcaacagact gtgatcatgt ctcaaaataa tttaaaaaaa aaagaagaag aagaagaaga 110340
gacaggagag agcttgcttc cctgtgtct ctgcaccatg tgagggcaca gcaagaaaat 110400
ggccatctgc aagccagaaa gagaacactc agtagacatg ggatctgcc gagccttgat 110460

cttggtacttc ttagcggttca gaaccttgag aaataaatgt ttgttggtcg ggtgcagtgg 110520
ctcaggcctg taatcccagc actttgggag gccgaggcag gtggatcgtg agatcaagag 110580
atcgagacca tcctggccaa catggtgaaa ccccgctctc actaagaata caaaaattag 110640
ccaggatatg tgacacatgc ctgtaatccc agctactcgg gaggtgagg caagagaatc 110700
acttgaaccc ggcaggccga ggctgcagtg agccaagatc gtgccactgc actccagcct 110760
ggcgacagag tgagactcct tctcaaaaaa aaaaaaaaaa aaaaaaatt agccagggtg 110820
gctggtgtgt gcctgtgatc cagctactca ggaggctgag gtgggaggat tgccgaacc 110880
aggaggtcga ggctgcagtg tgccatgttt gccatgttgg caacactgca ctccagcctg 110940
ggtgacagag caagacctta tctaaaaaaa atttattaaa aaaaaatgcc tgttgtttta 111000
ggcaccagtt gatggtatct tgttatagcc ccctaaaata agacaccct cccaggcgtc 111060
tcccactaag acacaatggt tcccagaaaa gcatgagcct tgtctgtttt gttaaatgat 111120
gtgtgcccag cacataggtc agaacagttc ctgagacaca atggtgccc aatttgttga 111180
atgaatgaaa gaatgatgaa tgtatgagca gtttgatatg aactttctaa tttttttct 111240
aggatatatac cagtacaggt atattaagaa aaaatatggg gtcatggtat aagttgggtt 111300
ccgaacttac ttttttatta acaattcatt gtgtatatat ctccatgtta cattatacca 111360
gggtttctca acttggatac tactgatatt tgtgtgtttt tttttgtttg ttttttttat 111420
ttttgtgttt ttttgagatg gagtctcact ctgtcgccca gggtggagtg cagtggcaca 111480
atctcagctc actgcaacct ccacctcccg gggtcaagtg attctccac ctcagccttc 111540
agagtagctg ggactacagg tgtgcaccac tacaccaac taatttttgc attttttagtg 111600
gcgacggggg ttcaccatat tggccaggct ggtgtggaac tcctggcctt tgggtgatctg 111660
cccatctcag cctcccaaag tgctgggatt acagggtgtga gccactgcat tgggcccact 111720
actgatattt gatgccgat cattctttgt tggaggggag ctgtgctgtg tatggcaaga 111780
tgttgaggag catccctggc ttctaccac aagatgcaac taacaccttc ccacccact 111840
gcaaataata aagaatgtct ccagatgttg tcaaagtcc tctggagggc aaaatcgctt 111900
ccagtggaga accgtgggtt tatatcaatc tacctctttt attggcggca taagagtatt 111960
ccagagtgtg gctgtggaat ttcttttagc taatttctct ttgatgcaca attgtttcca 112020
ggcccttgac tccctgagca cttgtgtgtt tctacaagaa gcttcaggac tgaggcaaga 112080
gcacgctggg accaagctga gcctctatgg acggcgcatg acggagccgt ttcactccat 112140

gtttgttgat ggtaggaact gccaccctaa tctttgccaa tctgatgtgg tttgtaagca 112200
atagcacttc ttgtcttggt ctcttgata attgtataga ctgttccttc tacaaaaaat 112260
gtcaaataac agtaatgacc acaaggaacc ccttctggcc ctaactttgg cagtgcactt 112320
ggaataacta gtatcacata gttacgacgt atgtgtatgt ttcacatgaa tataaactca 112380
cttcccaaac agtctgcaat gggagtttga acgttctctt tgaagataaa gttgtttatg 112440
acaatatgtg aagctttgaa gtttctcagt gattggggat ttttgttttc ttatttctta 112500
tttctaattt tttcaattgt ggtcaaagaa tagggcctgt attatttctt tgagatggga 112560
tctcgtctta ttgccaggc tggagtgcag tgatgtgatg atggcctgct gcaggcttga 112620
tctcctgggc tcaagtgaca ctctcatctc agccttccaa gtagctagga ctacaggccc 112680
atgccagcat gcttggttag tttatgtttt attttttttt gtagagacag ggtctcacca 112740
tgttgcttag gctgctctaa acttatagag atttcttctt tactccgggt cgatttttgt 112800
aaatatctgt aaaccttaca ttatcatcat ttgtttaatg atgtgtgccc agcacatagg 112860
tcagaacagt gcctggaaca gaaggatgcc ccatacttgt tgagtgaata tttgttgtag 112920
aatgtgagct acacaggaac agagattttc cccccagttg tgtccccagg gctttgaaca 112980
atacctggca tgtggctggt ttgcaatata agtttggtgc ccttgtaaag ctggagccat 113040
tgattatgac atgaacttct gaggaacctt attgttttgt tttaaaagta tctgatacgg 113100
gctgagaggt gtttctatct gtctattttt ctatgcattt tagagttttt ctggctgggc 113160
acggtggttc atgcttgtaa tcctagcact ttgggaggct gagttgggag gattgcttga 113220
gccaggagt tcaagaccag cctgggcaag gcagtgagac tctgtctatt taaaaaaaaa 113280
aaaaaaaaa aagaaaaaaaa aagaaaaatt acccaggtat gttggttgcg cctttagtct 113340
tagctactca agaggctcag atgggacgat cgcttgagcc taggaggagg ttgaggcttc 113400
agtgagccgt gatggtgcca ctacctccc agctgggtga caaatgaga ccttgcttca 113460
aataaacaac aacaacaaca aaaacaggcc tatagtccca gctgcttggg agactaaggt 113520
ggaaagatcg cttgggccc aagggtgtag gctgcggtga accgagatct caccactgca 113580
ctccagccta ggcaacagag caagatctta tctcaaaaaa aaaaaaaaaa attctgtgta 113640
tatgttttgt gggttttttt ttttttgaga cacagtttca ctctgtgccc ctagctggaa 113700
tgcagtggcg tgatctcagc tcaactgcaac ctctgcctcc tgggttcaag cgattctcct 113760
gcctctctcc caagtagctg ggactacagg cgcccgccac catgcccggg aatttttttt 113820
tgtattttta gtagagatgg gggttcacta tgtgtttgtt tgtttttttt gagacagtct 113880

cactgtcacc ccggttgag tgcagtggca caatctcggg tcaccgcaat ctctgcctcc 113940
cgggttcaag tgattcttgt gcctcaggct tccaagtagc taggattaca ggcgtgtgcc 114000
accatgcctg gctaattttt tttgtatttt tagtagagac agagtttcgc catgttgccc 114060
aggtcggctc tggactcctg atctcaagtg atccacctgc ctcagcctcc caaagtgctg 114120
ggattacagg tgtgatccac catgcctggc ctttattaat tattattatt attatttgag 114180
acggagtctt gctctgttgc ccaggctgga gtgcaatggg gcaatctttg ctctctgcaa 114240
gctctgcctc ctgggttcaa agcgattctc ctgcctcagc ctcccgagta gctgggatta 114300
caggggcgtg ccaccatgcc cggttaattt tttgtatttt tagtagagac cgggtttcac 114360
tatgttgccc aggtcggctc ggaactctta acctcgtgat ccgccgcct cagcctccca 114420
aagtgcctggg attacaggcg taagecaccg tgcctggccc tatgtttatt attattatta 114480
ttattttgca ctggcgttgg attttattgc gagaacagac taaagagagc aatgtgtcag 114540
aagcgtgct cagccacagc ctcttgggtg gcatgggaac agagcggacg cattacggaa 114600
accagttct tgggcaaanag ataaggaagc gaagggcctc actggaaatc tcctggcttc 114660
tgggtgtcca ggttggtgt cccaggcagg cgacggctct cttggcggcc aggtgcgta 114720
tgcgtcacga ggaagcctcc agatggagcg cgcccgccaa ggcgagtag cagggcgacg 114780
acgctccgag aggtcccat cgtcagacct ctctggcttc catggcgct cttcaaacc 114840
ggccgatccc ggcgagtgt ggcgcgcgc agcgcagtgg cgaattcgat cttctgggtc 114900
tcgggtggt tcccactgg gctctcgcgc cgtctctctg gagccaaagg cccctcac 114960
acggctttcg ccagtgcac gcttttccca gcggaagttc acagagacag ggggattgag 115020
aaggctctatt ttttatttgt cttttaact gtagctatac cagtgagtgt gaagtggat 115080
cttattttg ttttgatttg catttcccta atgactagt atgttgaaca tctctcttg 115140
tgtttattgg ccatttgcac gtcttctta gagaaacatc tattcaaate atttgcctat 115200
tttattttat tttattttat tttattttat tttattttat tttattttat ttgagacgga 115260
gtctcactct gtcgccrpg ctgaagcgca gtgatgtgat cttggctcac tgcaacctcc 115320
gccttccggg ctgaagtrnt cctccgctt cagcctctcg aatagctggg attacaggct 115380
cgtgccactg tgcaggcta atttttgtat ttttagtaga gatggggttt caccatgttg 115440
gccaggctgt ctaggactcc tgacgtcaag tgttctgcct gccttgacct cccaaagtgc 115500
tgggattaca ggcattganc accgagcctg gcctttgcct attttaaaat tgggtgtct 115560

tcttattgag ttgtaagagc cttttttacat attctgggta caagtccctg atcaggtata 115620
tgatttatga atattttctc ccattctgtg gattgtctct tcaactttctt gatgtgcact 115680
tttttttttt tttttttttt tttttttgag acagagtctc gctctgttgc ccaggctgga 115740
gtgcagtggc tccatctcgg ctcaactgaa gctccgcctc ccgggttcac gccattctcc 115800
tgcctcagcc tcccaggtag ctgggactac aggacactgc caccactccc ggctaatttt 115860
ttgtattttt agtagagacc ggggtttcacc gtgttagcca ggatggctct gatctcctga 115920
cctcgtgacg ccgccttggt cctcccaaag tgctgggatt acaggcgtga gccaccgcgc 115980
ccggcctatg tgtttttacat tatgttactt ggtgcacgtt ttattttctg gggctcttcc 116040
cttttagcag taaaaagaga tccgtcgtgt ttcatataat tttttgagct tcatgtcatg 116100
accttgggtt tcttttggtt cgcattgtgc tggatatctt tgcccttttt tttttttttt 116160
tttttttttt tttttttttt gcgatggagt cttgggtctgt cggccaggct ggagcgcagt 116220
ggtgggaact tggctcactg caacctctgc cttccgggtt caagcgattc tctgcctca 116280
gcctcccagg tagctgggat tacaggcatg tgccatgatg cccactaat ttgtttgcat 116340
ttttagtaga gatgggggtt caccatgctg gccaggctgg tctcgaactc ctgacctcaa 116400
gtgatctgcc cacctcggcc tcccaaagtg ctgggattac agacatgagc caccgcgcc 116460
agcgggcccc ttttaaaagt cgatatcatt tcccacctgt atcttgtgag catagtcaac 116520
gctcagtga ggtcagcttc cttcctcttg cctgtcctca tgaaatgccc cttcccatc 116580
cgccccgcg cccaggagt agcctttgct gtcccaggac tgagctccaa catgggagcc 116640
cctctcaata cctcctcttg agcctgcccc tttccttccc tgccattccc atgcaaggcc 116700
actgggcagg gcaggctcgc accaccaggt tgccattctc cgtgtgtcca ccaggggccc 116760
ccccactcct gcctgagctt cctccaagaa cctgcatttt taattcagtc cctccctggt 116820
ctcccatctc tcccagcacc acctttgggt gtaaagccgc agagcagtat tcctggttat 116880
ccaaggagtc cataaactgt cctgtgggaa atcagcccaa tgcaccctgg ctccctcatt 116940
cagcaactgt gttgtagtgt tctgtctgc aaaaagaaaa taataatttc cacctcactt 117000
agaaagaata ttaggctgg gcatgggtgc tcatgcctgt aatcccagca atttgggaga 117060
ccaaggcggg cggatcactt gaggccagca gtttgagacc agcctgggca acatggcgaa 117120
acaccgtctc tagtgaaaat aaaaaatta gccaggcgtt gtgacacata cctatgatcc 117180
cagttactcc agaggctgag cttgcagtga gctgagaccg caccactgca ctccaacctg 117240
ggcaaccaag tgagacctg tctcaaaaac aaaacaaaac aaacaaaaac agaaagaaat 117300

aatatatagt tcgggagcct gaggcacgag aatcacctga acctgggaga tggagggttgc 117360
agtgagctga gatggcacca ctgcactcca gcctgggcaa cagagtgaga ctgtccaaaa 117420
agaaaaagaa aaagaaaaga aaagaaaaaa gaaaaataaa taatatatag tgttcagcaa 117480
tgtgcctggt atacagtagg tgcctaataa aagcaagtca ctttacaaga gttcaaagtc 117540
cgtccctcca caactctccc taaagctctc caggcctgtc tgttttctta ggtaatgggt 117600
tggcaccag gttacatggg ggtgagatct ccttgtaggg gcacaagctt catgggttac 117660
aaagtcagaa gtgtgaatgt ttctattttc tataattgac ttggatttcc acctccattt 117720
cccattgtgc acgatgtgga aacattttta ttacagaatt cagggtttcc tcagtcaatt 117780
cttttttttc tgcgacggag tcttgctctg tcaccaggc tggaatgcag tgggtgcgac 117840
tctgctcact gcaacctctg cctcctggga tcaagtgatt ctctgcctc agcctcccg 117900
gtagctggga ttacaggcat gtgtcaccat acctggctaa tttttgtatt cttagtagag 117960
acatggtttc accatgttgg ccaggctcga ttccaactct tgacctgtg atccaccgc 118020
cttggcctcc caaagtgtg ggactacagg tgtgagctac cagcctggc ctcttcagtc 118080
aattctaagt ttttgctcc cctttgccc tggggctcca gctaattgtg tcagcaggga 118140
gagggtctg atcttggctg ttctgttt ctctgctggt atctgtaaag atggtctctg 118200
gccctatcgg gcatcatttg ctgatttcg ttctcactgg attcattact gccctgtcc 118260
atcccatcag cattcaccat gagggccgc ggccacctg gcctccttgt tataccatcc 118320
tgatcctgag ctcatgtgg tcccagaacc ctctctcagc cacttcaatg ggaaactgtg 118380
gggaggggtt tgtctcaggc cctctctgcc cagacaagcc acagcagcat gtctccttac 118440
gtgtagagac atgaggggtg tctgggagat ggtacctcag tgccttcacc aggaagtgcc 118500
ttcaccactg cgcctctca ctccctgagc tctgcagtgc ccctactgca gccagacaa 118560
cagggtcggg gtggggagga gagagccatc gtgtgatcag tgtttttact gaggcaagga 118620
ctcaacttt gaagctagta tccaagacct agctccactg gcttctcttc atttctctg 118680
aaacattcct gcccacgga catccttgct gccacctgca ttggggcggg gcggtatgac 118740
atgctagaga aagaagcctg gttaacattt cctaacttag cttggcacat cttttgcct 118800
gttttcaggg tactcctagt acagactgac acatgccgc cccatagcac cctaggggaag 118860
tttatgtctc cagtaatttg tagggcagag ccaaggtggt ggatgaggtt ttctgaggt 118920
tggtactcag ccccttctg gaggggagac gatcctggtt gtaaacaata gaaaacaacc 118980

ctgggtaact atagcccaaa aataattttc tggatgatg atggatgggt catagagtca 119040
cagggtaaac tggaccagc ctgacaaatt gggcaggaac ccagaaggct gggaggcaga 119100
atcacaggga gggctctatg aggacaatca tgccaacctc acaaccatca ctgccctttg 119160
atgggtggcag ctgggacccc aacattagag gagtgacacc tcaatgggtcc cagcttctca 119220
ataacctca gtcagtgtca aagtcctagg caggatgaac caaggctgag ttcccaagca 119280
ccccctgcag gaattggatc tttggccccc ttaggcttcc atagggggaa cactgcctcc 119340
agcccatctt gagatttgta tctccctc tcgattggta tttggatgac aagcaactaa 119400
aatcagcaaa tgcacacatc tctctaattt ccctgaatgt gcatttgcca agaggcagtt 119460
tcaaacctgc ctcatctgag cagtctactc agagtgtgtt ttgtttatgc cactcggaga 119520
gcttgccaaa tacagtgaag tcctctgaac agcctgagcg cttccagata aatacattgg 119580
ctcctttcc atggccccc tagtagctaa catgtactga acagtgggcc aggcactgag 119640
ctcagcgtc tacctggagg attgccttgg gccttactgc catttttcca aggaagagac 119700
tgaggcccag tggtttacta gctttcccca gttcacacag gtctagatgg gaataacagg 119760
gacttgacc cacacagcct gtcgggccct gctccctgt gatctaattg agcagacgtt 119820
aaaccaataa ccacaggatt acgtacgtga ttaaaaggag cactggaaag ggaaagaaca 119880
gggtaggagg agggaggatg gcagagaaga caattcatag ggggtgggtg ggtgggggtc 119940
ccgggaaggc ctctggaaga acatttaagc tgtgaccaa atgatggatt tagccaggcc 120000
aagagcgagg ggaaagaggc agtggcaagt accgagacct ctgaggcagg agagagggga 120060
atgtgttcgg gggatgaaaa caaggccaa tgcagcggga gcagaggag ctggggattt 120120
ctgggtgggg ccacaggca gggccaggct gagccttgggt gttcttcagc tcagaacccc 120180
tcacctctc tctactgacc ccacccatc ctctgagatc cgacctaca gcatagtcat 120240
atccaacctc ttctccccc ctcgctgag gccaccctag tctgattatt gcaatatccc 120300
ctccattcc cactggtctc cctgcttctg caccgcccc atatctctc tttctcagca 120360
ataaagtgat ctttttagca tggaaagtc agcttgccag gcctctgctt ctcatcttgc 120420
ttagagtaag tgcctaagtc ttgcaatgggt ctacaaagcc ctccacagtc tggatcccag 120480
gagctctgc aacgtgggtc cctctctcac ttggctgtag cccactggc cctgtgctcc 120540
ttctcaagta caccaggcaa gccctatct ggaaggagg cctttgcact gccggtccc 120600
ttggccgga atgttcttct ctcacatct catgggtctc tcctcttca gcaggcctgc 120660
ccggcatgt tctcatagt gagctcagg caagaacaga tggagatgct aagccctctt 120720

ctgcctgcct cccgtctgct aacatcctgc tggccacagc aagcacgtgg ctgagcccag 120780
agtctgagtg ggagggcacc aggatggtag atgcacacgg taaagacaca gggagtaaag 120840
cactggggcc cttgcacaca tgattacagc cccttgatct gagctccaaa tcccaggcct 120900
cctcctgcac agcgacctgc caccatcagt aactctctcc accagccacc atcccatttt 120960
cattcagcaa acatttgtgg agcacctgca gtgtgcaggc cctgttctag acactgtgag 121020
gcagctgcac ataaagtaga cgaaggccct gcccttttaa agttttgttt tgtttttttt 121080
tctttttttt ttttttcgag acagagtctc tctctgtcgt ccaggctgga gtgcagtggg 121140
gcgacctcgg ctactgcaa tctctgcctg ttgggttcaa gtgattctcc catctactcg 121200
ggaggctgag gtaggagaat cacatgaacc ccggaggcag aggttgacgt gagccgagat 121260
cgcgccactg cactccagcc tgggcaacaa gagtgaaact gcactctaaa gaaaaaaaaa 121320
aaagaaaaag aaatcctatg tgtagggaca atggggaggc aagtggtaa tatctagtgc 121380
tatgtgaatc tcagcaacaa ggaagtgggt cagaaagcag ccaaattaaa gcttaattat 121440
aactctattt ctgtccagaa cctgacatgt gattcttgtt aaccctgtgg ggatagtttc 121500
agtggctgga acagagtgag caaagaagag agaggactgt tagtgggtcg caggcagggg 121560
ggtgaggcaa tctgaatgat atttccaata ggccactcca tgtgcagaca gaacctgggt 121620
tgagagaagag gaagaaggga agtggggagt ccccttagga gggattgcc atcgtcaagg 121680
tgagagtctg tggctgccat ggtggtcaga ttcaggatgt acattgaagg gggcccaaat 121740
aggattcgcc agtgcattgg aggaaaggga ggtaggagtc aagaatgact gacactattt 121800
ttttttttga aatggagtct cactctgtca cgcaggctgg agtgcagtgg tgcaatcttg 121860
gctcactacg tcctcctcct cctcctgggt tcaagtgggt ctctgtctc agcctcaca 121920
gtaactggga ttacagggtc gcgccaccac gcctggctaa tttttgtgtg ttttagtaga 121980
gaggggggtt caccatgttg gccaggctgg tcttaaactc ctgacctcag gtgatccgcc 122040
cgccttggcc tccaagggtg ctgagattat aggcattgag caccgcgcc ggccaaggat 122100
gactgacatt ttgaatttga acaagtgggt aaatggagtt actgtctact gagatgggga 122160
gtgctggggg agggcctctg ctttagacat aaaaggatc tgagagcaca gggctcttgg 122220
aacctgggtg ctaaagtaga caaagagact ggcattctcag gtaggagtgc aggcttgggg 122280
agccccacct tccacagtgt gggggaagca ggaggccgtc agagtctcac tagccatcct 122340
gttcattcat gaattcattt attcattcat tcagtaaaaa tttatggagc accaaggata 122400

agccagacac ttttctggat gctggaaata gaggagaaca agaggcgggtg ttgccagtct 122460
aatttggttc cttacctcca ggtagaagag acaggtaatg aataagcaaa cgtgtaaaaag 122520
agaagatgat cttacagaag gacgggtgtca caaggagcag tagagggtgg tagggagtgc 122580
cagggaaaca gaattgggtg gggggtcacc caggcagccc caaggaccag tcccagactc 122640
ccaggaggac ctacctcagt ttgtcttctt ttgtcccac agaattggctg ctataccatt 122700
aggaagggga gggaagagga gtggccctgc agtgaccctc aggggtcttt ggaggggggg 122760
gctttgtcct agaggaagaa tctcttcgca ggggtgctgtg gctcatgcct ataatcccag 122820
cactttgaga ggccaaggca ggtggagcac ctgaggtcag aaactccaga ccagcctggc 122880
caacgtgggtg aaaccccatc tctacaaaa atacaaaaat tagccaggcg tgttggtgcg 122940
tgctgtaat ccagctact tgggaggccg aggcaggaga atcacttgaa ccaggaggc 123000
agaggttgca gtgagctgag atcatgccat tgcactccac cctggacaac agaaaaagac 123060
cctattaaaa aaaaaaaaaat tcgccaggcg tgggtggcgca tatgcctgca gtcccaacta 123120
ctcgggaggg tgaggcagga gatcacttga gcctgggagt ttgaggctgc agtgaactat 123180
gattgtacca ctgcacttta gcctgcgaga cagagtggag ccctgtctca aaaaaaggaa 123240
acagcgggtg tgggtggctca cacctataat ccagcactt tgggaggcca aggcaggcgg 123300
atcacctgag gtcaggagt caagaccagc ctggccagca ctgtgaaacc ccatctctac 123360
tgaaaataca aaaatgagcc gggagtagtg gtgaacgcct gtagtcccag ctactcagga 123420
ggctgaggca ggagaatcgc tcgaaccag gaggcagagg ttgcagtgag ctgagactat 123480
gcaactgtac tccagcctgg gtgacagagt aagactctgt ctcaaaaaa aaaaaaagg 123540
aaacagagaa cccatgagag gtatatgctg tgttcccaca gagcaaaact gctcagccca 123600
ctgcaaaatt cttctctgag tgtgtggaaa tggggttgct cactttctac catttgagag 123660
tttctgctat gcaaagaatt ttctttgtgc ttcttgggtc tttatcctgc aaagaatggg 123720
agagtgaggc ctgtgaaggc tcataagcca aagttcccat ctgagctctg ccactgcatg 123780
atgggtgacc tcagggtgatg tgttcgtgtc ctttgggaca gcaagagtta atatggggga 123840
gcaatttagt taaaagagat tttgaagaag ctgaactcag acaattgtga gcaagcttca 123900
gggatgggtc tggttattga gacaaggaac aagacgaata ctagaacctg cgctgaggct 123960
gtggcaggct acggagaaga ggaggcaatg atatctgcta ggagagtgtt gcattatggg 124020
gctgaggggac tgggagggcc atgggcattc ctggggcttc cagtttgggc actggagtga 124080
atgatggact attaactggg agtgagcaca gaaggagaag ccagctcaga gggaaaagga 124140

tcagggttctg ttgaggacac gaagcgtgag atgactggca gatttctaga aacacggatg 124200
tgaagttgag gaaggaagtt ggaccataa gtgcccagtc agaaatcctc agggcctgga 124260
tggtgcttgt gcagagaacg accagatgat aactccagct gtttcccttt ccttctaggg 124320
acacatccag aatacacttt gggccaggca cagtggctca cgctgtaat cctaatactt 124380
taggaggtca aggcaggcag atcattggag cccaggagtt cgagaccagc ctggccaacg 124440
gggcgaaaac cgtctctac aaaacaaca caataacaac aacaacaaa attagctggg 124500
catggtggcg tgtgcctgta gtcccagcta cttgggaggc tgaggtggga gggttgctgg 124560
agcctgggag ttcaaggtg cagtgagcca agatcacatc gctgactcc agcctgggca 124620
acagaggcag acttggtctc aaaaaacaaa aaaaaacaaa agaacacact ttgcagcctc 124680
cctccattga gggggtgct ttctgtccag tggaatgtga gttaaagtggt aaagccactt 124740
ccaggctctgg cctatgaaaa tctaccctta gctctccaat cttctcctct aggcattggc 124800
cgactttttc tgtaaaggac cagttggtaa cggttttaga cttcatgagc catgccatct 124860
ctattgcacc taatcaactc tgccgttgtt gtgtgaagac agccataagc aatatgtaa 124920
tgtgtctgtg tttcaatgaa actttatcta ctaaagcagg gccacagcta ctcttctctc 124980
tctcttattt gctacctgaa ttctgatatt cagatgcct ttagaagcca catgttgaaa 125040
gtggcacagc ctcccgttgt ctgagacact gtaagaaacc cagacaagaa aaccagatgg 125100
ggtgcaagga atcggcgatt tccgtttctt acagcagaaa tggaggtccc ccaattcctt 125160
gccccatcc tccttttatg gagtaagaaa taaacctgta ttgtgttttag caactgaaat 125220
ttgggggtgg ggtatctctt ccataagtta gtgttacttt aactaagata gaattagtag 125280
taggagcggg atattgccat aatgaaaatc gaaaatgtgt ggcattgggt ttgtagttgg 125340
gcaagatagt gagaaaacct ttgtcagggt ttggaaagat ggagacccat gctaggcaac 125400
ggcaaaacat ttggtaaaat agttgcctga gataaacagg tcagctgtcc tctgaccctg 125460
tagctctaag ggaagaagtc ataaagtaca ggcagcactt aacaaggtct cagaagaata 125520
agatgggacc agtgagcact ggctgatttg caagcaaac taagatgaaa tagggactcc 125580
cggaatttg ggtattggtt aggaacattg acggcttcta gatgccaaac agaaggaaat 125640
catagcttaa aggcctttga gcagcaaagg cccatgaagc ctcaacctca ggcaaggcca 125700
gagtcaggga gtgtccttcc ccaggcctga gaacctcaag attgccatca gcacatcgag 125760
agagaatggc cggagggcgg acagcagaag aatcaggctg gagaactgtg tctaactgtg 125820

aatttcgcac gtggttgctg gcatccagaa atgactggaa gcaagtagag gagccttttc 125880
agattttcag ggaactgtat gtcaaataag ccataagcct gaacttcaaa aaataaacia 125940
ataaaaaaga gagaaagtgt ttgaactttt gggccttaaa accaccttga ggctggatgt 126000
ggaggctgac gcctataatc ccagcacttt gagaggctga ggcatgtgga tcacctgagg 126060
tcaggagttc gagaccagcc ttaccaacat ggtaaaacc catctctact aaatacacac 126120
acacacacac acacacacac acagttaact gagcatggtg gcgcatgcct gtaatcccag 126180
ctagttggga ggctgaggca ggagaatcgc ttgaaccgga gaggtggaag ttgtggtgag 126240
ctgagattgc gccattgcac tccaggctgg gcgacagagc gaaacttcgt ctcaaaacia 126300
aaciaaacia aaciaaacia ctttgagatc ttaaaacttt taccgaagg agctgcaggc 126360
taciaaagat gagcagcaac cggggagggt ctaccctca acggtcgtg cgaatgcggc 126420
cttgagcaa catggcaaga cgacagtgtg gagggcaggg ctgggagcca tagagaagag 126480
gacaggcaa ttccttcaag ggtgggggag ctcccagcac ccacctggcc aaatggcatc 126540
atcgtgtca tcagagcctg ctttgcattc tctgttcttc cttctctga agaggatgtt 126600
gtcctgtgct tgccctatct gcacccacc actggatccg gaagtgtgtt gtgtgtctat 126660
actggggtg agaaaggaag gacacgataa cttgttcttt taggcacggt tttccagatc 126720
acagggagtc acagaggacc tggaggagag aatcctgtgt gtgctggaga tcccgaactg 126780
tggcgaggc cccaggaggc agtgatggtg tggactcagc tgcctctccg ggaagcagtg 126840
agtgtgttcc atgtgtaaga ggaagagtga aatggctact tagtggtat tgggaaccc 126900
atggcagaga ctggctagag gcttacgaac gctgtcttag tccattttgc attgtgttaa 126960
aggaaactga ggctggtaat ttataaagaa agaggggtgt ttggctcatg gttcttcagg 127020
cagtacagga agcatgatac cagcacctgc atctggggaa ggcccagga agcttctact 127080
cagggccaca ggacaagggg gagcaggcac gccacatggc cagaacgatg ccaggctcct 127140
ttaaataacc aggccgggtg cagtggctca cacctgtaat ccagcactg tggccaagg 127200
aggaggattg cttcaggcca gaagtttgag accagtctgg gcaacatagc aagacgcat 127260
ctctaaaaaa aaaatcaggc tgggcgccgt ggctcacacc tgtaatcca gcactttgga 127320
gggcccagggt gggcagatca cttgaggcca ggagttcaag gccagcctgg ccaacatgg 127380
aaaaccttgt ctctactaaa aatacaaaaa ttagctgggc atggtggcag gcacctgtag 127440
tgccagatac tcaggagggt gaggcagtaa aatcacttga acccaggagg cagaagttgt 127500
agtgaagcaa aactgtgcca ctgcactcca gcctaggtga cagagtga ctctgtctca 127560

aaaaaaaaa aaaaaaaaaa aaaaaaatta gccaggtgtg gcggtgtggg cctgctcagg 127620
aggctgaggt gagagaatca cttgagcctg ggaggtggaa gtttcagtga gccgtgattg 127680
caccactgca ctccagcgtg gatgacagag tgagaccctg tctcaaaaaa aaaaaacaga 127740
caaaaacaaa gcacccacat gaactaatag attgagagct cactcattac catggggagg 127800
gcaccaagcc attcctgagg gatccacccc tatgatgcaa acacctccca ccaggcccac 127860
tcctaacact ggggctcata tttcaacatg agatttgagg gggccaaaca tctaagctat 127920
atcgaacgcc agcccctcta ctgccagatg aactgctaga tcacattccc gactttcatt 127980
gcgttagatg tggccatggg cggagttcgg gccagtggaa ggtgggtgga agtgaggtag 128040
ttgtctatca taaaaaccca cacaaccttc caaaccattc tccttgttct ctccaggctg 128100
ctgactggat acagatgtcc aaggccaatg aggaagccat gtgtcaaaga tggcaggggg 128160
cagggcattg tggcttacac cagtaatccc agcactgtgg aaggctgaag cagctggatc 128220
acttgaaccc aggagtttga gaccagcctg ggcaacatag tgagacacca tctctacaaa 128280
gaatttaaaa actggggccag tcgtgatggc tcacgcctgt aatcccagca ctttgggagg 128340
ctgaggcagg cagatcacaa ggtcaggagt tcgagaccag cctggccaac acagtgaaac 128400
cctgtctcca ctaaaaaata caaaaaatta gctgggcgtg gtggcaggcg ccataatcc 128460
cagctactcg ggaggctgag gcaggagaat cgcttgaacc caggaggcgg aagttgcagt 128520
gagccgagat cgcaccattg ccctccagcc cgggcaacag tgtgatgaga ctccatctaa 128580
aaaataaata aataaataaa taaataaata aataaataaa taaataaaat aaaaaactag 128640
ctgggcacag tggctcacat ctgtagttcc agctacttgg gaggctgagg tgggaggatt 128700
gcttgagtcc aggggggtga ggctgcagtg agcagtgatt gcaccactgc actccagtct 128760
gggtgggtga cagagcaaga ctctgtctca aaaaacaaac aaaaaaaaac ttttgtgact 128820
ttgtggaact caggccaact ggatttccta tgaagaaata cacttctatt acattaagcc 128880
actgaaacct tgggtgttgc ctgtaatagc agctgggtgc accttaacta gagttgaagc 128940
catgggagca gagcaaccag agcagggaga ggcaggaaga gaactgaggc aggaccctgg 129000
ggacacctca ttaaagagcg gctgacacgg aggtggcaca aaggagactg agaaggaagc 129060
aagaggagga tgagggcaga gtggccttct ggaagaaaag gaatgtggtg gccaggcatg 129120
atggctcacg tctgtaatct cagcacttta ggaggccaag gcagggtgat cacttgaggt 129180
caggagtttg agaccagcct ggccaacatg gtgaaacccc atctctactg aaaatacaaa 129240

aactagccag gtgtcatggt gtgtgcctgt aattccagct actcaggagg ctgaggcagg 129300
agaattgctt gaacctggga ggcggagggt gcaatgagct gagatcacac cactgcattc 129360
cagcctgggt gacagagcga cactccgtct caaaaaaaaa agaataggcc gggcgagctg 129420
gctcacgcct gtaatcccag cacttcagga ggctgaggcg ggtggatcac aaggtcagca 129480
gttcaagacc agcctggcca acatggtgaa acccctgtct tactaaaaat aaaaaatta 129540
gccaggcatg gtagcagggt cctgtaatcc cagctactcc ggaggctgag gcaggagaat 129600
cgcttgaacc tgggaggcgg aggttgagct gagccgagac cgtgccattg caccagcc 129660
tgggagacag agcaagactc cgtctcaaaa aaaaaaaaaa aaaaaagga atgtggttga 129720
cggagagaga agtgtcttag tctgtcttat gctgcaataa cagagtacct gagactggat 129780
aattatgagg aacagggtt tatttcttat agttctggaa gctgggaagt ctaatatga 129840
ggggccggca tctggtgagg gccttcttgc cacatcatct gacagtggaa gggcaagaga 129900
ggtagagaca gagagagaaa ggggccaact tcatcctgtt ataaggaact cactccact 129960
gagataacag cattagctct ttcttgaggg cagaacttcc tggcataatc acgtctcatt 130020
aggccctacc tcaacactgt tgcattgggg attagtttc caacacatgt ttttgggagt 130080
acacattcaa accacagtga gaagaaactc tagatacgta tgtatacata catacataaa 130140
tatatgtact tttttttgag acagggctct actctgtcac ccaggctgga gtgcagtggg 130200
ggtgatcata gctcgctgca gcctcagctt cctgggttca ggcaattctc ccacctcagc 130260
ctcctgagta gctgatacta ctggcatgca cgccaccaca cctggctggt tttttttgtt 130320
ttgttttgtt ttgtagagat gaagtctcac tatgttgacc aggtggtct caaaccctg 130380
ggcccaaggt ccaccacct cagcctcccc aggtgctagg gttacatgca tgagccactg 130440
agctcagcca aacactatat atatataata taaaaatata tatgtacaga ggcaaaggct 130500
taaaaaataa tttaaaaagt atatctatat ttttccaaa ctaaaaagga tgtgtcaatt 130560
gaggccaaga ggatgcaaac aatccaaaga ccaaaagcct attatttaat taacttcctt 130620
tctttgcttg ttagatgaga tttggatttg atgtgtctgt tttcttggcc ctggtctgct 130680
catgaaagcc ttctacaggg ggaagctgtg ggcagggtcc tatagcgact ctttgggaga 130740
actctcacag ggctgagtaa ttgcttagtt ctgctgctt cgttcccttc tgcttcatag 130800
gtactacaaa atagttgttg tccacagtgg tgagccccgc agtgagtga aacaagttct 130860
ggaagttcag tgtgctgtct tggcactggc ccatgtcctt cattgttatg tctgcagcca 130920
gagggtcttt ttgattctcc aaaaatccaa ggaactcctt tcccatgagt actttcaggc 130980

cctccttcat taagtagcct ttatccccgg caaatctgtg aaacgtaaac aacacggttt 131040
ccatgggtgtg ttccattgga ctgggggtgt tctgtagatc tgttgaaacc ttggctggag 131100
gtgcgttgtg ggcgcttggc aagctgggcc tcagggcccc tcgggaagga gcagtattaa 131160
gaacttgttt tgctatctca aggacaaaaa aacaaacacc gcatgttctc actcataggt 131220
gggaattgaa caatgagaac acttggaacac aggaagggga acatcacaca ccggagcctg 131280
ttgtggggtg gggggagggg ggagggatag cattaggaga tatacctaata gtaaagtacg 131340
agttaatggg tgcagcacac cagcatggca catgtataca tatgtaacaa acctgcacgt 131400
tgtgcacatg taccctagaa cttaaagtat taaaaaaaaa aaaaagaact tgttttgcaa 131460
aggagccctg ggtcaggcac agggctctgag gctggccttg tgagggcccc tttccttgtg 131520
gggacaggcc accacaccac acggcagatg cagctcaggg caagatgcaa ggtggcagga 131580
cccaggagag atgctcagtc caaagtggag cgggtgttcag gggctctggg ctgggagatt 131640
tacgtggggg tcttaacttc ttgaagtcac gaaccctctc gagaacaagg caagagctaa 131700
ggcttgagag caatgtaggc agccgtacgc gctatttcac tccagcctcg gggctctcat 131760
ggacctctg aggctggccc gtgggaccca gggaaagagc ctcggccttg cagagtctct 131820
tacaaccttg actagctgcc tcccacaacc ctgctgggat cactacctta caaaggagga 131880
aatagatgcc atgtagaact tgcttggagt cacacagcta caagtgtgac gcctgaattt 131940
gaaggcaggt gtgtctgact gtctgttcc cttagcgggt cagcacgggg cctcttcagc 132000
cgtcccaagg catccccaac acagaaggcg tctaggggaag gggtcagggg agggttcagg 132060
gaggagggga tgtctgggct cagcaggttg catggccatg ggagcctcag ggctagggag 132120
aacccaaggc tgggagagag gcagggcctt gctcaggacg tggcagagac aggggtgagc 132180
tcaggcggaa gcccagagctg tcaggcagcc ctgagtggcc ggagcggagt ggtggaccca 132240
ggagtgggga gacgcctcat ccagcagccc acggctctgtt tcttctacc cctggatcag 132300
gagagagcag gaggcctgac gttagctaga ctccctctg cctagcattg tcattactca 132360
gcctttgctt ttcttggcct cacaagcaag gctggggaca ggaacgaata tgacagtgtc 132420
tcaatcacca tagggagtca gaggcatttc cctetaatct gaggcctccc cgtctgaggc 132480
cctgtgtatt tgcttctaga gctgccttaa ctaagtacca cacactaggc agctgcaaac 132540
aacagaaggg tattgttca cggttctgga ggccaggagt ctggaattca ggtgtggacg 132600
ggcctgctcc ctccaagcct ggagggggaa gacttcttgc ctcttttctg gcttccggtg 132660

gttgccagtc ctectggcag gcccagactt ggggctgcct ccccgaaagtc tccgcgtctt 132720
ctttctttca cacagagcag gagcatatgt ctgtctctct gtctcttctc ttctttcata 132780
aggacactag tcctattgga ttaagaaccc accctacact ccagtatgac ctcacctttg 132840
ctaatttcat ctgcaacaat cctattttca aatacgtcac attctgagat actaggggtt 132900
aggtcttgag catatcttgt gataggaaca tggctctacc cataacaccc tgtggggtaa 132960
tttacctttc cctaagaagc tctgacctg aacacccttg gactgtggca tccccaccct 133020
cacaccggcc tgcagcaacc gccgacctg cagagccagg agctgtgggg gctttcacag 133080
cccatgcctg ggtgaccaa tccagctcct accaccagaa ccttccttcc agggcggtt 133140
gtgagtgggt ccatgctggg aacacgcagc acgcagctta gggcaccggc tgctgccacc 133200
agcctccggt taatctctc cagcctcagc aagaatgcag cggtgacagg ggctctcagg 133260
aaggcaggga aggaggggag acctggtgct tttctttcaa gtggagaatt ctccccacag 133320
atctgctcca aggtgttagc agggagggag ggagccagg ttcagcctg ggcttcctga 133380
ccaacagtcc ctggccagcc actgggccct ggtggaggcg gctgtgaggc tggggtcagg 133440
gaggggtgca aagcccgtc agctctgggc caggtttcca gcaggaggac ctaagacagc 133500
actgagtcag ctcaagccca cctcagagtc aggtggctt ggtcattaat tccctcctt 133560
gctccaccaa cattcaccca gtacttatta catagcagg gcatgcggac cgggagacca 133620
aagcaaaaca acaggagaga tgctgaggtc agccacactc agaggagggg gcttggggaa 133680
gggccctgga tctggtttg agaggcagg agcattctcc agtggggaca tgttccagg 133740
agagtgcag caagtcaaag gaaccgagac ctggagacc tggggctctc cgagggtgcc 133800
agtcatccct caggaatggg atgagccccg atgccaggaa gggcaagcgc tgaggccaag 133860
gacacaggca ggagtccagc gacacggcgt ctgtaccagg gagcttgggt ttaatcttct 133920
gagccacggg acggcactga tgggttttaa gccgtgtaa gacttgatcc aatttgtaa 133980
ttggatcatc ctggctgcag tgggcaagct gctgggggtc caggaattgt ttggaagtca 134040
ttggtccaac acatggcagt ggtgtgacca cctgggagaa tgaccccgca gagcagacaa 134100
gtggcccagg acgcacctt cggaatgtca gcatggggag ggaaggccgg gaagaggagc 134160
tggtcagaga gagtgtataa gtggctggaa gagatagaaa gtggccttca gaaggcaggc 134220
ggaggatggt tagggaagat gggattgtca gtagcatcag atgcagcaa gaagtcaagt 134280
gatgcaagaa ctgaatgtat cattggctt ggtgattggg aggtggcctc cgtgagtgc 134340
gcgtgaagga ggtcgaagcc agcgggctt ccacaggctg acaggcagct ggaaacttgt 134400

tccttgtgca cagcagttat gaaggctggg gagcagcctt cttagaggag gaggaggaag 134460
aggaggaaga ggagaaggag gaagaggagg aggaggagga gggggaagag ctgctcctga 134520
tcaagtccc ttgggcattg ctggctgagc aggagcttca gcttgagct gctttgggac 134580
cattcacct ggatggaagc ctgagtgaat cattaccccc agggcttaag gtgctgcatt 134640
gtagcagcaa agagcccca ttataacagc actcggtga tggcctactg cacgccaggc 134700
actgagccag ggctttgtgc acactatttc atcgagtctt gcacaggggc attatagcct 134760
gggtgctgag gttcagagag aggtaagtga cttaaagcaag aagctctgct agtcagtagc 134820
agagaagaga tgtgaagcca ggacgacctg aaccgaggc tgtttcagct tcctcctgct 134880
gttgctctaa ctctgggag atatggctga gaagtctctt ttggctcttg gctgtgggt 134940
ggtaagtggg ggacaggtgg ccatgcttat ccaacctggg ccaggaactg gacttcaggt 135000
ggctggatca ttcatggaga gagcggcagt ggctaggggt ggcatgagtc aaggtacaa 135060
atggccgatg ctgtctctt gaggggttct ctgctctcag ggtgggtgta gaacctgga 135120
ggcagtgga tgcaggtacc aggggggttca cctggaatga aatccttagc cctgggacc 135180
tagatgggt ctctggtctga ggtcagggtc aagggtcaca agtgctagac agggctctcc 135240
atgatggaag gagcctccag aatcctggag ggtaattcac agtagactgt agtagccctc 135300
tgaggagtga agctttgagt ggtggccatc tctggagaga aggagggtag agctagtga 135360
gttgatggtc taggacagcc cagtgttccc tagcagtcac cctctgaggc tgccacaatg 135420
gctccgtgat ttgggagcag agatgctgca cacagttgac cctcacatct atagcagcca 135480
cagctggatg gtgtgacaag cattgctggg tgctctctt tcctctgggc acacagcaag 135540
actgtatgcc cagcttctct tgcagttaga tgtggccgtg agattgagtt ccatctcagt 135600
ggaggaaca gtctgatgaa atgtgactgc ttttctaggc ctgctgtaa ctataaaagc 135660
cttccccact tcaccagttc ttcatgccct tcccccttc attgctggat gtcaacatcc 135720
caagtgatct tgggagccat gtgttgaagg tgacagatcc cgggtaattg aagacctctg 135780
tggcagagag ctctcccc agctccaggg actgggcccc cctgtgactg tttatgtgaa 135840
tgagaattcc acctcactac gcttgtgcca ttatcattct caggcttgtt tcttgagca 135900
ttaactgatc ctgtctaata cagacagcca caaagccgtt aggtcctgag atctcttagc 135960
tttcatctcc ggctattctg tatctgttca gcagtttga cccccctag cctggagctg 136020
atgtggaatt tgaactctca cgaggcacia gccaaagtcatt tttctttgga tgattatgtt 136080

ctgatgtgct gatgtaccat cttggggagc cagaccctgt aaagtgggtc atccccccgc 136140
tttactgtgg gtgtaattgt gcctgggggtg ttgacctcag ctaggaccaa ctttctccaa 136200
atagacaggg gcagaggtca cctgtgctgg cttcctgttg caattttatg tccccaccag 136260
agcacaaata gcactcccct aggtgaagtg gctcaggaac aaggaggaca gacagaaatg 136320
ggtttctcag ctccctggcag ctcatgctgc taccaggcct ttctccttct ctaggaggct 136380
ggctgtgagg caggagggga agaaaaagg tgacagtgtt tcacttttgt tttgttttgt 136440
ttttttgaga cagggtcttg ctctgtggcc caggctggag tgcagtggca caatcatggc 136500
tcactgaagc ttcaacctcc catcctcaag caatcctcct gcctcagcct cccaagtagc 136560
tgggaccaca ggcgtgcgcc acaacactcg gctaattttt tatttttagt agagacaaga 136620
tctcactatg ttgccaggc tggctctcaa ctccagggt caagtgatcc gccaccttg 136680
gcatcccaaa tgctgggatt agaggcggga gccaccgtgc ctggctgtag gtgtttcttg 136740
tgtctctggg gaaccttagg aagtatactc aaacgagtca aaaccaaacc aaacaacagg 136800
ccccgattgg aaggacacca ggaagctgag aatggcagca actggggtgt ctctgaagac 136860
ctcacaggcc accgttagag acccagcccc tgtgggcttc agcagctcca ggccacctcc 136920
ttccagtcct gccccctgca cctgtgaggc aagcttggca gaaaagtccg gagaaagaga 136980
tccaaagggc ctggcttgta acctcttttag gtgggagaaa cgagttcagt ttgaatcaca 137040
ggcctcacc cgcagcctgc ggcagagtct tggggaaaga aagaagctt gctttcatta 137100
aaactcagaa acagccagag gcacctttt cttaaagcca gtatctgcag agaaaaacag 137160
cagactggtc tcgcttagta agtgaaacag agggacctag tttagatggg gaaaaagaaa 137220
cacaaaacaa aggacaagaa ccagtgagt ttgtgagcg tatttgcagc tgaagtgatt 137280
gacagtgggt gcaggctctg aaccatgact gtgtcctgtg ctatcgagct tcatttcact 137340
cagttaccta aagtgtgttc tacatcctcg agatttataa tgatgataat ggggatgata 137400
atgactcatg tattttattg ttccactttt tcaggcacag ttttttgtt gtttgtttgt 137460
ttttgagatg gagtctcgct ctgtcgcca agctagagt cagtggcaga tctcagctca 137520
ttgcaagctc cgcctcccag gttaaagca tttgcagcta attttttgca tttttagtag 137580
agacaggggt tcaccatgtt ggccaggctg gtcatgaact cctgacctca agtgattcgc 137640
cttccctggc ctctaaagt gctgggggtta caggcgtgag ccaccacgcc cggcatcagg 137700
cacagttttt aagtgagtta tatgtcgtaa atcctcaaaa tattcctatg gagtaagtac 137760
tattatccca ttgtacagat gaggaacctg aggcacaaag ttatatgaaa aaggctctgt 137820

agaaaaaat tagaacaaca aaaattatct ttttctctct cttttttttt tgttggtttt 137880
gcttttttgg tttttttttt atggagatga ggggccact atgttgcca ggctggtctc 137940
gaactcctag gcttcacgat cctcctgctt cggccttcca aagtgtggg attacaagca 138000
tgagcctctg cacctggcca ctcatccttg tgtatggagt ggctggacaa aacacaaagt 138060
cacttaagat agacactgaa gagtctactt taattgcaca tagggccttt gcctaagag 138120
tcacataatc ggggctccgt ggagtcatta atatttcaca tcttttccca tcagcacaaa 138180
gtaaacacta ttttaataac cgcaatactg cttctttttt tgggccagg aaattgcttg 138240
gttcattgtt ccatttttaga aaagattaaa caaaattgat tttcataatt gtcattctgt 138300
actttttttt tgagacagag tttcactctt gttgcctatg ctggagtgtg atggcgcaat 138360
ctcagctcac cgcaacctcc acctccacct cccggattca agcgattctc ctgcctcggc 138420
ctcccaagta gctgggatta cgggcatgca ccaccacacc tggtactttt tgtattttta 138480
gtagagatgg ggtttctcca tgttgccag gctggtcttg aactctcgac ctcaggatgat 138540
ctgcccgcct tggccttcca aagtgggtggg attacaggcg tgagccaccg tgcctacag 138600
ttttttttt tatttttttag acagagtctg gacagagttt tgccctgtca tccaggctag 138660
agtgcagtgg tgtgatttcg gctcactgca atctccacc cccagattca agcaattctg 138720
cctcagctc ctgagtagct gggactacag gcgcacacca ccatgaccag ctaacttttg 138780
tatttttagt agagacaggg tttcaccatg ttggccaggc tggctctgaa ctctgacct 138840
ccagtgatcc cctgcctcag cctcccaaag tgctgggatt acagggtgta gccaccacac 138900
ctggactcat tctgtactac tegtcccaa ggggaaatct tatactttct gattccacaa 138960
taagttctga ggaggagggtg aggagggttg ctggtcagac agacactggg gaatctacct 139020
aggaagtgtc aatagccagt tcagcacacg cagaagtcct ggctggacag aggagggccc 139080
agggtgtctg catgtgggaa cacagtcctt aggaacagct ggcttgagg cgatgctgcc 139140
taagccagca actttttcca ggccccactg gacggcacc aaggacgtta tccaggcgaa 139200
tggtgactcc ctgcaggatc cattcattag ccacatgggg tggggggaat gacatggggt 139260
ggggggaatc ccacaagcca agggtcagtt accagggtgca aactgtccaa ggaacacctg 139320
gagaactttc ttgcactttc tgacctccag ggtctcgaca agcctgggcg tgccccagag 139380
gtccagtttt tatgaatatt ggagctccat gctgttcac caggaagctc aaagttaaat 139440
gaaacacctg gggacccac agagttatta tattgtgggg ggggtgctagt ctgggccag 139500

gcaggatgcc ccattttctc cacttcaggg agcacctggg atttgtggtg ggagatggag 139560
ctgccccctg gaggactctg gcttgaaagt gacaaaatcc aacatgagcc agcttgggca 139620
gaaaggggga atttgctaga atcaaccaa aacttcagct gcacacttgg ccgctccgca 139680
tgtgggaaag gctgagctgc agagaccctg catcaggtag ggttccggga tggcatggca 139740
gccccactag ggccacgtgg ttggaatagg gggagaagct gccccagga agaaaggggtg 139800
ttccctgaag agggcatgcg gcagatcaag aggc aaatgt gcgcctcacc aaggaaacttg 139860
gcttagcggt gccaaatctt ctctgtgttg gattaggggtc aaactcttgt ttgacttggc 139920
acagaagctt ggaggcccg tggtgcatg actgcctcac tcagagatga gtatggaggg 139980
tctagagggg gcgctgtggg gctctggcca gaaacagccg aaagtagaaa accatccaaa 140040
tatccaaaaa ttgatgaatg aatcaacaca atgtagaacc tacaacaac aggctgggcg 140100
cagtggctca tgcctgtaat ccagcactt tgggaggccg aggtgggttg atcacttgag 140160
gtcaggagtt tgagaccagc ctggccaaca tggtgaaacc ctgtctctac tgaaaataca 140220
aaaattagcc aggcgtggtg gtgcacaatt gtaatcctag ctactcggga ggctgaggca 140280
ggagaatcac ttgaactcgg gaggcggagg ctgcagttag ccgagatcga accactgcac 140340
tccagcctga gtgacagggt gagactccat ctcaaaaaaa aaaaaaaaag aaccaacaaa 140400
caacagaata ttattcaccc atgtaaagca gtgaagtact gacaccacc acagtataga 140460
tgaaccctgc aaacctcatg ctaaatgaaa gaagccagac aaaaaaggc caatattgta 140520
tgactccatt tatgtgaaat gtttagatag gcaaaccac agagacagga agcagatttg 140580
cggttgccag gggctgtggg gagggggaat gggagtgatg gctaattgat ttccttggg 140640
gatgatgaaa aagttctgga actaggtagt ggtgatggtt gcacaacaat gtgaatgtcc 140700
tcgatgccac tgaattgcat acctacaatg gttaaatgg taaaatttat attatgtgtg 140760
tttcatcaca ataataagaa aaaagatgag cttccttcag acaaacacat gggagcttgc 140820
agcttgagga ctcgggagaa gatgtgtgtg agacgggttac ccgcacaatg ggtgggttcc 140880
atagcttggg tcaagagttc aagaccagcc tgtgcaacat ggcaaaacc cgtccgtctc 140940
tacaaaaatt agccagggtat ggtagtgcaa acctgtagtc ccagctactt gggagcctga 141000
gatgggagga tggcttgagc ctgggagcca gaggttgac cactgcactt cagcctgggt 141060
gatagaatca gaccttgact cactgactca aaaaaaaaaa agaaagaaaa agagaaaaga 141120
aaagaagaag aagaagaaga ggaggaggag gagggaggag caacgaatca cagagggaga 141180
aactggagtg aggtggtcag ggtgctggga gccaatagaa gctggaagag ccaggggagg 141240

attctctctg tgagccttgg cccagtga aa atggatttcg gactctggcc tccagaactg 141300
tgagaaagta aatttctgtt gtttgaagcc actgagtttc tggcaatttg ttacagcagc 141360
caccgga aac taatatagtt atcatgaaac catcattagt ataaaattct gtcttattaa 141420
aaatgtaaaa ttagggcagg cacagtggct catgcctgta atcccagcac tttgggagac 141480
cgagggtggc agattacttg aggtcagagg tttgagacca gcctgcccga catggtgaaa 141540
ccccgtctct actaaaaata caaaaattag ccaggcttga tggcaagcac cataatcca 141600
gctatttggg aggtcagagg aggaaaatca cctgagccta ggaggcggag cctgcagtga 141660
gctatgatca caccactgca ctctagcctg ggtgacagag caagaccttg tctcaaaaaa 141720
aaaaaaaaa aaaaaaaaaag aaagaaagaa aatgtaaaat aaatgtaatt ttgctgcaaa 141780
ccttctggca ttttgcata ctcaaaacta tattatcata cttcttttag gcagagaaaa 141840
tatttcattg tttgtgtgta tatgcatcaa aagcactaat aactaagaca tttaaaatat 141900
gccataattt tagaaactct gttttgaaat gtcttgactt taaaaatat actgggaccc 141960
tcagaaaagg ggagtgggct gggccttttt tggcttctga gaggtcctgg ctggtccatg 142020
ccatgcgcc atgggaagac ttctccacgc tggcgactg atgaccatca ctaggtgtcc 142080
tgtgcaccaa gtgagacggc cccacagggg ctggccgggc cttcccagc cacatctgca 142140
ccactatccc agcgacaacc tcaacaaaga ttcttgggtt ctttctgagc cgcataagtc 142200
accaactctg tcttcttccc tttcttctc ccttgcccaa cacatgcgc tgaatctcaa 142260
gtccagaga gtctgctggc tgctgggca cggccaggga tctgggaaga tactgaggga 142320
atctctagca cactaaagca tgagaacttc tgcttaggt actgggggag agagagagag 142380
aggagagag agagagagag aaagagacct caactttgtg gactccagct cacaccaaga 142440
gaggctaadc tgggtgaacg gtagcccttg tggaatgggg ccaggagaga tcttctctgc 142500
tgctgtcttg gagttgggtg aacttgcaa cgttctttca gttcactgga tcccctgttc 142560
ctagccaggc gacattgata ggttctctga gggacaaaaa tctgcttgt agggttgagg 142620
tcagtactgt tggggctgtg cacttgtaga ctctgcctt tccaggagat aaaggcatct 142680
ggagccagag ctacagtctg gattgtgggg gaacaggaaa gagttctcag agaaacaagg 142740
ccgagtgtca ggctctggtg gaataaggct attgatagta gaataaatag gaatttagaa 142800
accaggaagg gaggtcaagg ctggtagttc agaacggagg ctgtgaaagt accatgcaat 142860
ctggaggcct gtttatatgc agagcttgct gtgtggcgca ggagcagctt tagggctctg 142920

aaaaggaagt tttaatatgg tttgaatgat ggtatcccct ccaaaattca tgttgaaaca 142980
taatcccaa tgcaacagta ttaagagggtg tggcctttgg gaggtgatta agtcttgagg 143040
gcctattatt cttattaaag ggctcaaggt tgaagagagc tcctcttgcc cttccacccc 143100
tttcaccttg tgaggacaca atgttcgctt cctctggagg ttgcagcaac acgtgccctc 143160
ttggaggcag acagtagctg tccccagaca ccaatcttgc aggcacgtgg agatggactt 143220
cccagcctcc agaactggga gaaatacatt tctttaaaaa gattaaaaaa aaaattttta 143280
tagagatggg ctcttgctat gttgtccagt tggtttcaaa ctctgactc aagcaatcct 143340
cctgcctcag cctcccaaag cactgggggt ccagggtgtga gccactgtac ttggtggaga 143400
aatacatttc cgttggtcat aaattacca gtttgtggta ttttgatata gcagcagaag 143460
cagactaaga tagatttaga ctttcctctc agcttcccaa tcctccagcc tagatgggggt 143520
gagatgaagg aatctccatt tctaaccagc accccaagta tgtgcctaac acatgtgtat 143580
gtatgtgtgt gcatgcctac atatttgtgt ttaagtgtat gtatatgtgt atgtacttgt 143640
gtacatgtgt gtatttgctt ttgtgtatgt gtgtacatgt atttgcattgt ttgtatgtgt 143700
gtttgtatat gtctacctgc atttgtgtgt ttgtatccat gtgtacatat acgtgtgtgt 143760
gtgagtgtgt gtgcatgcat ttgtgtatat atatgtgtat ttgtatgtct gtgtgtgtgt 143820
gtgtttttct tttccattt ttttttttg agatggagtt ttgcattgca ctccaggctg 143880
gagtgcatt gtgcgactc tactcactgc aacctccgct tcctgggttc aggtgattct 143940
cctgactcag cctcccgagt agctgggata actggcatgt gccaccatgc ctagctaatt 144000
tttttttggt attttttagt agagatgggg tttcttcatg ttggtcaggc tgggtctcgaa 144060
ctcccgatct taggtgacct tcccgcctca gcctcccaa gtgctgggat tacaggcatg 144120
agccattgca cccggctgtg tgtatgtttt cctaggcaga cttgagagga cttgggtgact 144180
ggctggaagg tgaagagagg gaaagaagg ggtcagagat aactgatgag tctgcctaag 144240
ggacttgggg gacttcacaa gattccagga gcatggctga cccaatgcac actgtatagt 144300
tgcatgattg caagtaactg ggaaggcagt ttgggtctta attgcaaaca cttgccaga 144360
aaagaccagc acggccgcag cacaaggagc ctgagtaaag tgcccatcc aggtggcct 144420
ttgggacct cttgtccttg gttctctgg ctctgtgttg tccacagacc ctctgtctg 144480
ttttcagtgg cccgcactgg gcaagcacag cacacacact tcctagccac ctggcattga 144540
tctctacag cccagcctc atcacttgat tagcctcatc cactgtgctc tgacgttctg 144600
ggggctcttc ctaccccatc tgcaggaggc tgagcatgggt aaaatatttt ctctccctg 144660

ctgtggcttc cagccactgg acacttctct gggctttgtc tctgcaccac tcccagccat 144720
aggaggggct gtgtagacca ccctgactta tggcaggaag agaacaactt tccagttgag 144780
tgacaatcaa aaagatctcc tccttggtga gggatccatc aactccaagt gaatccccctt 144840
ccccctcacc caccagcac aaccaagct taaccatttc ataccagtg tatagacctg 144900
gtgacactgt tctgtggggc ttcattgtga cttccttcct gatggagtgg aacaggagag 144960
gggcaactct gatgctaaaa caagcgtggg gtggagagag gcttggaaca gtgatgagga 145020
actagagctt ctgcaaggat gtgcagagt gacagaggga cctgagggcc acagacgggg 145080
agtgacagag caaagggcag cataaagcac ccgcagaaag atgaatcagt gatgtgcttg 145140
catatatgaa acattgcaaa ttgaaaccc ttctggagt aagggcaggc ccaaggttgg 145200
taaagttagc agctctgtga caccaccgaa aactcatttg gttccttgtc cccttcgcct 145260
cgtgcctgtc ctcttgggct gctcacctgg actcaaggac ggtttctttt tttttttttt 145320
tttttttttt tgagacaggg tcttgctctg ttgcacaggc tggagtgcag tgggtgcgac 145380
ttggctcact gtgcctccat ctctcaatct cctgggctca agcaatcttc ctacctcagc 145440
ctcccaagta gctgggacta caacacatac caccatgctt agctgatgtt tgatgttttt 145500
tatttttttg tagagacagg gtctcattat gtcgctgagg ttggtctcaa actcctgagc 145560
tcaagcgatc cttctgcctt gggattacag tgctgggatt ccaggcgtga gctgccgctc 145620
ctggcctcag agagagttcc tatagttcca ggcacagac cctcagactc agaggcaaag 145680
tgacacaact gccttatttt ttgtctcctt ttaaaaatga agaacaagac ggccacagtg 145740
gctcatgcca gtaaaccag tgctttggga ggccaagaca ggaggatctc ttgagcccag 145800
aagtttgaga ccagcctggg caacacagtc cacaaaaaat cgaaatgtta tctgggtgta 145860
gtggtgcgtg cctatagtcc tagctactca ggagctgaga tgggaggatc acttgaacc 145920
aagaggaggg aggagtgggg agtgacagct taatgggtgc agggtttcct ggaggggat 145980
ggatatgttt ggagccaggc agaggcagtg gttgtacaac actgtgactg tacgaaatac 146040
cattgaattc ttcacttcat ttattcattt atttagacag aatcttgctc tgttgcccag 146100
gcttgagtgc agtgtcatga tctcggtca ctgcaacctc tgctcctgg gttcaagcaa 146160
ttgtcctgcc tcagcctccc tagtagctgg gactacaggt gcatgccacc acacctggct 146220
aatttttgta tttttagtag agacggggtt ttgctatgta ggccaggctg gtctcgatct 146280
cctgacccca ggtgatccgc ccaccttggc ctcccaaagt gctgggatta caggtgtgag 146340

ccactctgcc cggccacgaa ttgttcactt taaaatggct gattttacgt tgtgtgaatt 146400
tcacctcaac taaaacaatt aattcatttt ttcttctcca aaaaaaatgt gtggcattgt 146460
ggcctgtgct ttgcgtgctg ttagctgtca caggacatgc tgatgaggaa ggtgcatgcg 146520
atgctggccc ctgcagggcg tatgttcag tgggaaacag acaagaacaa gcaatggagc 146580
agtaggtctt ggcacagatg aggtggcgaa tacatattta ttaaataaaa tagagacaga 146640
tatgggagct cataggtggt caacaacca gtccgaaggt cgcagaagat ttcctggaga 146700
aagtggatc tgaaccaaga ccagcagag gttagaagtc agtggcagga aaaaccccca 146760
ggggtgggtg agagtgtggc ggattccagg aactgaagga tgcccagtat ggcgtggaac 146820
tgtgtccaac agggcgaggg gtgtgacacg gagctggaga agtaggcagg aaccagatca 146880
agaggacttt tgaatgatgc taactaacgg ctgttagtgt aggcacccct tctgctgacg 146940
gtatgctcac tctcattcct tttctagttc cagccaggta gtagaagaat taggaaggga 147000
tgagtcttga gtatttatta tcttcatgtg agtaaaattc attatagatg ggtgaatgag 147060
tggatggata gatgatagat agataggtag gtagatgata gatacataga tacatagata 147120
gatgcataga tatatagatt agataaatac atagattaga tagatgatag attagataga 147180
tagatgacag ataataggta gataatagat gataggtgat agattagata gatagatgat 147240
ggatagacag atgatagatt agatagatag ataatagata gatgatagat tagatagatg 147300
aagtatagat gacagattag atagatagat gatagataag agacagatga tagatagatt 147360
agatagatga tggatagata gatgatagat tagaatagat agatagatag atagatagat 147420
agatagatag atagatagaa taactgctgc agccatgttg tgaccatgag gagagagaca 147480
aggcaacatg gccaggagga ggtggcagct cccacagaga ggcttgggtca catccatcat 147540
cttggagcag atccctggga ggaggaggag aaggaagatg aagctaagag gccctgggggt 147600
tggctcctcag gggaagacta tgactcctgg tgacagagat gctggagcca gagggcagag 147660
ggatgagtag gggagccaat ccagacagg gcaatggcat aataaactaa ttcgtaacaa 147720
gcaagacaga gagaagacag gcaacagata ttttagaggc accaccagta ggatctggtg 147780
gcctcttggga tagggaggag gaagaaagga ggattcatag attttcctgc aataaggat 147840
ttgctgctga gtgcagtggg tcatgcctgt aatcccagca ccttgggagg ccaaggcggg 147900
tgactcgctt gggccccaga gtttgaaacc agcatggacg acctggcaaa accccatctc 147960
tacaaaaaaa tagaaaaatt agctgggtgt ggtggtacgt gcctgtagtc ccagctatctt 148020
gggaggctga ggtgggagga ttacctgagt cctagttagt cgaggctgca gtgagcttgc 148080

ctacactaga tacttcagat aagtggaatc ttgcagtctt tgccttttgt gtctgacttc 148140
tttcacttag cataaatattt tcaaggttca cctatgttgg ctggatgtag tgactcatgc 148200
ctgcactttg agaggctgag agggaggatc acttgaggcc gggagttcaa gaccagtctg 148260
ggcaacattg caagaccaca tctctacaaa aaagaaaaga aaattaaaaa ggtttcatcc 148320
ctgttgtagt atatatcaga acttcattcc tttttaaggc taaataatat tccattgtct 148380
ggatatacca catTTgttta ttcattcatc cgttgatgga cgcttgagtt gtttctccct 148440
attggetcat tgttgaaaga agcttggtac aggttgcccc aagtttgaca acaaactcta 148500
aacaacccta aacattttca cggcattagt aatatgaatt gcaaagggtga aaaaaagtat 148560
taaattctca taataaaaag aaaaatagaa ttgattattt ttcttttttt ctataaaaat 148620
tcatattaca aaatcattat aatatgaaaa ggcaatcaaa gagtaggtag tcaaaatgta 148680
ggaaggaaag gattatagtc aggcacttaa ttataagaat attatgttaa ttttctagat 148740
ttgctgaggt ggggtgttacc agtttttaaa aatgtgtaat ttgtgatttt tttcatattc 148800
taaaaacttg aacgcacact tttacttgta agtttatatt atttttcata aggagagcct 148860
gcccactctc caatactgta taagcttttg gcaactgcacc tggatcccct ctgccaaccc 148920
ggggtccaca actctgcctt cctctatcca ctctctagca gcgttaacca aagcatggcc 148980
acttctcctt tctctaagtg ctttgtctcc ttgccttctg tgattccacc atctcctggc 149040
tttctccta ttcaccggtt gctggatttc ctcttctttg cttgtttcct ctttctctag 149100
acctctaaat gtagcagtat cctgggcctt gggacaggtc cttttcttca cccacctggc 149160
gacagtcca aggccatggc tgtaaatatc tttcttttgt tttgaggcag ggtcttgctc 149220
tgtcaccag gctggagtgc agtggcgtgg tcacagctca acctcttggg ttcaagtgat 149280
tctcccact tagcctccca agtagcaggt gcacaccacc aggcctggct aatatttaaa 149340
tatttttgta gagacggagt ctcacctgag gctgcagtga gcagcctatc tcaaaaataa 149400
ataaataaaa aattagtatc tttttttttt tttgagatgg agtttcactc ttgttgccca 149460
ggctagagtg caatggtgca atctcagctc actgcaaact ctgcctcctg gcttcaagca 149520
attcttctgc ctcagcctcc gagtagctgg gattacaggt gctcatcacc acacctggct 149580
aattttgtat atttagtaga gataggccat gttggccagg ctggtcttca acttctgacc 149640
tctggtgatc tgcctcctc agcctcccaa actgctggga ttataggcat gagccactgt 149700
gctcagtcaa aaattcacat cttgaattta gctttgtcca aatagaatct tcaactcctc 149760

cctttccaca cctgttcctc cccgcttctt ccttgtctct ggagcagcac ggaatgggtg 149820
ttcaacgtgg tttgttgatg gtcaatggct gggagggaca gtggacttc ctgtttctga 149880
gggctatggc cgctgacctg gtttggggaa ctgactgcc ctgggctaaa cttctataca 149940
gttgcccttg ggtggccatt ggtgcccaag ccctgggcgt cctcttagag ccaggggacc 150000
atctaagcct gagcaatcat atctgttctt ttaattgcag tcaaatgcat gtaatgtaa 150060
atttacctga agtggttaatt ttaagttgta cagttcagtg gcatttagtc cattcacaac 150120
attgtgtggc catcaccatg atttagttct agaatatctt caccatccca aaaggaaact 150180
tgtgacctat cagcaggcct ccctacccaa ttccctgctt ccctcagcct ggcaacgatt 150240
aacctgcttt ctgtctctac ctatttgcct gttctggaca ttccacataa atggaatcaa 150300
tatgtgggct tctgtgtctg gcttctttca cgtggcataa tgtcttcaag gctcatcacg 150360
ttgtagtgtg tatcagaact tccttctttt ataaggctga gtaatatcc attgtgtgga 150420
tgaccacat ttctatattt gttcttgaag gaagtggag ggagtggagg ctccatggca 150480
gggcaggat atgccggggg ctggaaaaat tcaaccagga gcacaacgat gccagctcct 150540
tgggggtgtg ctgggggtgc tgcagccct gaatcatctg tcaacccat ctgtggtttc 150600
ccacaccgtg gtgaaggctt gaggtgagtg ctgtagggt gacagccacg gggtcattac 150660
gggtgagatt atccagcgtc cgagctttct gccctacagc cccacattct ttatgcctca 150720
ggcagcttct tcaaacctcc ccgcgagac aggaggtccc ctctcggtc aggggaggg 150780
gagggctccg tgccccacgg tgccgcggtc agcaacacgg gttgagcca cgcggggctc 150840
ccccagcag ggggcgctga gacaagtcgg gttccaggg ctttctcct accagggctg 150900
cttgtgaatt tctctactt gggctgcttg tgaatttcca cttgctgcg gtgtcttctt 150960
cctcggttta ctccacacat atttgagtga ggattacttg cccttgggga gtctggacgg 151020
ctcccaatt ttgggatgca gctagtgtg tactggccgc ctcataacca cccagggagc 151080
gtgtgaaaag gcaaattcct ggacatgatc ccagtgggac caggacagag tccatgaggc 151140
ctccaggtga ttctcatgcc caggcttggg actccacacg gccctcctc aagttcacga 151200
tctgcagaca tcaggcttct gccttctacg ctgcaccgtc ttgcttgcg gctcatctct 151260
ccttttaatc aatccattca ggtgaaccaa ccacagagaa atggcttatt ctatgtttac 151320
acctgaaaaa tattcattca ttcattagtt caatagaact ttatagaacg ccctatgcca 151380
ggcaccagat ataccttggg gaataagaca cggttcctgc cttgaggtct ggctggggag 151440
gcgtgtcaat acattccaat gtgatgaatg ctaggaaaag caaaacgcta cgatcagctc 151500

agggtgggat cacagaagtg gatgcctggc ttacctggct cgaatttggg gaatcaccag 151560
gaagaggtga tttctcagtg gagactagca ggatgagcag gaaaattccc cggggacagg 151620
aagtcagaaa gcagagagca gtgacaattc tgggtggggg cggagggaag cagagaactg 151680
aaccaaaaca tcataatttg ggcataggca ttttagcatt ctagattttc tttaaaattc 151740
atgattcaag agataaaaat ataagtttgt ttctagatat atgactaagg tctcaaagag 151800
aactacttcc ctaattagtc cactatggaa agatgtattc agattattta cggatagggg 151860
aaggccctgc ataacttctg tgtcagtctc cggaatggct catatgcaa tggagaagga 151920
atcactggat ctgggtggat gccttctggg gaacagagtt gtctttcggg gttccaggag 151980
ctgcagatac aactttgaag gcagtggctc gaaaccctgg ctgcaagtaa aaatcacctg 152040
ggagtttttt ttttaattttt tttttttatt tttattattt tttttgagac ggagtcttgt 152100
tctgtcgccc aggctggagt acagtggcat gatctcggct cactgtaacc tctgcctctt 152160
gggttcaagc gattctcctg cctcagcctc ccgagtagct gggattacag tcatgtgcca 152220
ccacacctgg ctaatttttg ttatttttag tggagatggc atttcacat gttggccagg 152280
ctggtctcga actcctgacc tcaagtgatc caccacctt ggctcccaa agtgctggga 152340
ttacaggcat gagtcactac acgcctggcc acctaggagc ttcttaaate taccacacat 152400
ggcaaccact ctggcaactg atatattaac tgtttggggc tagggtgcaa tgtctgggtg 152460
gaaggggaag cttctgtaaa ggagatgaag aagaagctac cagggaagtg ggtagaaagc 152520
caggagaaaa aaggtcacia cacagatgta gggggagagt ggtcaggaag gaggatgtgg 152580
tcaacaggtc acaagctgca gaaaggcaag aaaacgagga ctggttgtgt catttagggc 152640
catggtagtc actagcagca ggtgacttta gcagcaggtg actttagcag caggcttgct 152700
agcaaagtaa cgtgtgggag gctggatcac agagttcagg agaatgagtt cagggacttg 152760
ggaggtgaga aaatggagcc aggatgcgga ctgacttgga aggtagaaag aggcagggct 152820
gttcatggag ggggaatacg ggggtgaagg aatgatgtaa tgatctgttg aggataagag 152880
agacatgaat gtgtataaag gtggcaggta tttgggagac agaaggcgta attgatggta 152940
taaagttcct aaggaggtgg aaagaaaggg aagtgttggg atccaacaca ttgttggcag 153000
cattgacctt aaataggagg gacacctcct cagttgtaac aggggtggaag gtggagaggg 153060
tgtggtgggg gcagggtggc tcattttact tgggtggggg caagaacatc catcactcag 153120
aatttactca tgaatgcggg gactggattt tcagaggcac gtggccttga tagaggcctc 153180

tctctacgtc ctctctttct ttcacgtctc cctcgtggca gccagacctg gaggcactgt 153240
cccagtgatg agttagctgg gggagtgtag gggctggcca ccctttcttt ctggcccatc 153300
ttctccacct gtggcaggac ccttggggaa ggaagctgga aggttgaagc ctggcctaag 153360
cctaagcccc agggttcatc agggcttact atactaaggg tctctgcatt gggggcaggg 153420
ctcaggcacc aagatgactc cctccctgag aaaccccaga ggaagggga tactcgggca 153480
ttgagccctc actccagcac cctaacacct tctaccctca gtggtggggt ctttgccttt 153540
ctgatcctca tgtacctgag gccacagtgg gcaggttgta cctgccctgt gccctgcagg 153600
caciaagggg ctggctccct tgcattgggc cctcttttat cctccaattc cctcctgttt 153660
tccttctgct gactcagagt taggaacaga gcctctccaa actttgggaa gcacctctcc 153720
tgccatctac catggtgtct gactgctgga cttagggaga gaagcgcctt ccccccggct 153780
cctcactggc agaaagtcct cctggtggct ccgatgaat gagcctggcc cattttctgc 153840
ccatcctctg taccagcag tgccccaat cattccacca tgaaatgtgc agtagctttc 153900
tatecctcaa ctatttcatg ctcacttggc ccaaagcgg acagtcattg gttcttctgc 153960
ttttgatatg gaaacgctgg gaagggaaga gcgtggtccc tttaaagat acggaacagc 154020
gcaagggaaa tgttgggtag aggaagggtg tgctccctgg cgagggtcc accctcgtgg 154080
acctagggtta ggacaggcac tcctgctttt gcacccaaat gttgcatttc ccaagaccac 154140
cctgtcctgc cacaccccca tcctgtgcct ataaaaaccc gagaccctag cagggcagag 154200
acagaagcgg ctggacatct agaggagtat attggcgtg ggacacacag gcggctggat 154260
gtcaagagga acgcactggc accggcatcg gcatgccagc aggcactga ccagcagaag 154320
gacgcagagt ttggctgggg cagttggagg agagcctggg acaccaagcg gcccaactcc 154380
agaggaaaac catctccctt ctggctcccc catctgctga gagctacttc cactcaataa 154440
aaccttgcac tcatttctca agcccacgtg tgatctgatt cttctggtac accaaggcaa 154500
gaaaccctgg gatacagaaa accctctgtc ctagtacaa agtagtgggt ctaattgagc 154560
tgactaacc aagctgccta cagatggcaa aactgaaaga gcaccctgta acacagctc 154620
actggagctt cagctgtaaa cattcacccc ttgacactgc cgtgggggtca gagccccaca 154680
gcctgcccat ctgtatgttc ccctagaagt ttgagcagca gggcactgaa gaagcgagcc 154740
atacccccac cgcacaccat ctgaggggga caaaggaacc tttccgtga gacttttttt 154800
tttttttttt ttgagacgga gtctcactct gtcgcccagg ctggagtga gtggcgcgat 154860
ctcggctcac tgcaactcct gcctcccaag ttcaagcgat tctcctgcct cagcctcctg 154920

agtagctggg actacaggtg ctgccacca cacctggcta atttttgtat attagtagag 154980
acagggtttc accatattgc caggctgggc tcaaactcct gacctcatga tccgcccacc 155040
ttggcctccc aaaatgctgg gattacaggc gtgagccacc acgccagcc tcctgtgaga 155100
ctttcagtct gcttgctgca agctagagca gtgactaata tatattttct gtggtctacc 155160
tcttcactta gctacatact gttttgttgt ttccctcaaa tcgccactcc caagatcaac 155220
ccaaaacaga gttcaaagtg caaagcaagc ctttctgaaa tagaaggcaa aaatcaaagc 155280
ctccttcctg gtggtgggtg aggcattggg gagagattct accctctgag tcccacttgg 155340
acttgtgtgg actccctcct ctccagccac cctggctgtc ttccagttcc tccaatgctc 155400
tgtgccacct cccatctcac agcctttgca tatactgtcc cctctttgtc cagctaacta 155460
tgatttatcc ttcaggtctc agtattgatg tcacttcttc tagaagccct tacctgacct 155520
tgcttttaat gggaaatagg gcttttacct tctaattgtg ttcccctaga atctgagctg 155580
gccacatatt tgaagtctac tccagccaac attatggtct ggatcataat catggtctgt 155640
ttgcttagag gctactgatg gtgctttcct ctaagccac actcaagacc cctgtcatga 155700
gcattgctaa gggcacaggc tttgagaaga gcccagatg ttctatctta tctcctaaag 155760
agaattctgg caggattctt gtctctgcct cctgattcgt catgagcagt gaagctgagc 155820
agctgaaact ggttccacc acagttccct catgtctatt ccatttgtat attgctctac 155880
attttatttt ttgtttttaa ataaatttaa aagaatttta tttttatttt tattttattat 155940
ttttttttgt agagacaagg gtttcgctat gttgcccagg ctggtctcaa actctgggct 156000
caagtgatcc tcctgccttg acctctcaaa gtgttgggat tgcaggcgtg agccactgca 156060
tccagcctgt atattgctct gtaacaaact atcccaaaag ttagtgtata aaacatttta 156120
tttgtcatg atcctatgga tccgaagttt gggcagagtt cagctgggct gttcttctgc 156180
tctatgtgat gttagggttg tgcaaaagta attgtggttt ttgccattac ttttaatggc 156240
aaaaatatta gggatcattc attcaactac cttataggaa tcattcattt aactacatag 156300
ctggtagctg ggctaggctg gaaggtccaa gaaaatgcat tcacttgtct ggtatcttgg 156360
tgccccctca tggatccact aagtatttct gtctacgtgg ctagctggga cttcctcatg 156420
acatggtggg cttagggtag ctggacttct tacacagtgc tggcttctaa aggaaacctt 156480
caaagagggg caaatgtgga agtcatgac tttaaagctt gacttggaa ttatacttct 156540
gttacattct gttggccaaa gtcaatagga ccagccagg tgaaggaaag cccatctctc 156600

tactgagggg ggggcaaaga atttgtggcc atctttaatc caccaggatg cctcatttgg 156660
cacagttgaa ccagagatga gagcctcagg ctgcatttgg aagatcttcc cataggaaca 156720
ctcccagggc ttatccataa ttgcttactt taaggctcgg aattctaact tgagtgcagtg 156780
ccttgtggtc tgacctattc ctaggcaaag caatggcttt cccctatcac catctttatc 156840
tcatacatct tataaccctt aaaactgggtg ttcattgtga gagtaaataag tttggaggca 156900
tcaccaaata ccagcatggg agcatgaatc gggcaactca tgaagacctc aaactcctac 156960
taagggcttc caaccaccaa cattgcttcc actcacagtt tatggggccag aactagttac 157020
atggcttcaa cctaactgca aggaaggctg ggaaatgtag ggagcacatg ggatggttgg 157080
agtgcacaaa tggcctctgc cacatcttct cttcctgcct ttgaatgttg tcatgtgagc 157140
acttcagtg atggcagcca tcttgtgacc atgaggagaa ggtcaagaga attccaggaa 157200
ggctgacctg aagccctagt gttgttgagc tgctgaacca gccgtggtag tggccattct 157260
tggaccctt gacatgtgag ataccttggg tgggtgttcc attactgttt ttgcagccaa 157320
aagaaactca atggatgtaa tggatgaatgc ttttaagaaa ataaaacagg gtggagtgtc 157380
atgtgacttg gggagagggg ggcaaaaatc taggcgtgag tgtgtgtgta acaatggaca 157440
aggaagtgag ggaagtctt gaatgaatag aaaacaccat catgggaaga gctctttggg 157500
cagaaaggac acattacaaa gacctgagg tggtgggtg tgggtggctta cgctgtaat 157560
cccagcactt tgggaggccg aggcgggtg atcacaagat caggagatca agaccatcct 157620
ggccaacatg gtgaaacccc atctctatta aaaatacaaa aattagtcgg gtatgggtgg 157680
gcgcgcctgt agtcccagct actcaggagg ctgaggcagg agaattgctt gaaccaggga 157740
agtggagggt gcagtgagcc gagattgtgc cactgcactc tagcctgggtg atggagtgag 157800
actccatctc aaaaaataaa ataataataa taataataat aataataata ataataataa 157860
taataaagac cctgaggtaa gaacacagcc agcatgtttg agagagaagg ccaataaggc 157920
tggagcagag tggtagcaga gaaggagagc atgaggacca agaggctgaa tggggtcaga 157980
aaaggcagac tcttgtagat aaggctcagag tttgacattt taaaagacag atttgcctgg 158040
gtgcgggtgg tcatgcctgt catcccagca ctttgtgaga ccaagatagg aggatagctt 158100
gcgccaggga gttcaagacc agcctgggtg acataatgag accatctcta caaaaaaat 158160
ttaaaaatta gccaggcatg gtggcatgca cctgtagtct cagctactca ggaggctgaa 158220
gttgggagat ctcttgagcc tgggaagtca aggctgcagt gagtcataat tgtactactg 158280
cacaccagcc tgggtgacaa agcaagatcc tgtctcaaag aaaaaacaaa caagcaaaaa 158340

agcaaataaa taaaaaccag atttactgat gtacagctga caaacaatat actgcacatg 158400
tttaaagtat actcttttgg gttagttttc tttcatttag tataattatt ttgagattca 158460
tctgtattat tgcattgatg agtagcttat tcctttttat tgctgagtag tattctattg 158520
tatggataca ctgcaatgtg tttaaacatt cacctttgaa gttgtttgta gtttctggca 158580
atgaaaaata aagctgctgt gaatattcat gttcaggcct tctgtgaaca catcctttca 158640
tttctcttgt gtagacaccc aggaggggaa tggtagaagt gtttaacttc ccaatttttt 158700
aagaagcaaa ctgatttacc aagtaattgt accatttaca atggtaccaaa atgcactcat 158760
tttcccagga acagtgtatg agagtttcag ttcttccaca tctttgccaa cacttagtat 158820
gaccagactt ttaaatttta accatttctaa ttagtgtgta ataatttctt atttgttttt 158880
caatttttat ttccctgatg actaatgatg ttgagcatct ttattttatt ttattttttt 158940
attttttttg agacagagtc ttgctctgtc acccaggctg gagtgcagtg gcacaatctt 159000
ggcttactgc agcttccgcc ttccgggttc aagtgattct cctgcctcag cttcccaaag 159060
tgctgggatt agaggtgcga gccaccacac ccggctaatt tttgtgtttt tagtagagat 159120
ggggtttcgc catattggct ggtctcgaac tcctgacctc aagtgatccg cctgcctcag 159180
cctcccaaag tgctagaatt acagtcatga gccacggcat ccggtcaatg ttaaatatct 159240
tttattataa ttattttacca ttcatatata ttttttggtg aagtgtctgt taaaatatct 159300
tgcccatttt tcaactgggtt atttattttc ttattattga gttttgagag ttcttacata 159360
ttctggatac aagtctttta tcagatacat gttttccaaa cactttctgc caatttgttg 159420
ctcgtctttt cttttttttt ttcttttctt ttttgagacg gggctcttact ccatcatctg 159480
agctggagtg cagtggcaca atgacagctc actgcagcct caacttcttg tgctcaagca 159540
atcctcccac ttcagcctcc caagtagctg ggactacagg catgtgccac catgccaggg 159600
taatgttttt attttttgta gagacaggat ttggccatgt tgcctaggct ttcattctct 159660
taataatata ttttgcaggg caaaagtaac atcaattttt tctgtctcga tcatgttttg 159720
gttattgtat ctaaaaagtc attgccacca agcgcgggtg ctgacacctg taatcccage 159780
actttgagag gctgagggtg gtggttaact tgaggccagg agtttgagac cagcctagcc 159840
aacatgatga aaccctgttg ccactaaaaa tataaaaatt agccaggcgt ggtggggggc 159900
gcctgtagtc ccagctactc gggaggctga ggcaggagaa ttgcttgaac ccgggagatg 159960
aaggctgcag tgagccgaga tcgtgccact gcactccagc ctgggtgaca gagcaagact 160020

ccatctctaa agaaagaaat aaatagtcac tgccaaaatg aaggtcacct agattttctt 160080
ttgtgttata ttccagaaat gttatagttt tgtgttttgc aattagctct tgattcattt 160140
ttagttaatt tttgtgaaag atgtaaaggt ccattatgtc tagacttttt tttttttttt 160200
ttgcatatgg atgtccactt ggcccagcac cgtctgttga aaagactggt ctttctccat 160260
ggattgcttt tgctcctttg tcaaagacct gttgactata tttctatgag tctatttctg 160320
ggctctgtat tcggtttcat ttatctatat gtctattctt taaccaatac catgttgcct 160380
ttatttctgc agcttaatat atagtaagtc ttgaagttgg gtaatgtcag tcttccaact 160440
ttattttcct tcttcaggat tgtgttagct cttctgggtt tttgcctttc catataaact 160500
ttagaataat tttgttgaag tcacaaaata gtttcctggg attttgatca gggttgcagt 160560
gaatctatag atctagttgg gaagaactga catcttgaca attttgaatc taatctgac 160620
tataaacatg gaacatgtcg ttcttctttt ttttttttaa tcttggtca ctgcagctc 160680
tgctccaag gttcaagtga ttctcctgcc tcagcctccc aagtagctgg aattacaggt 160740
gtgagccacc acacctggtt aatttttgta ttttttagtag agacaggggt tgccatgttg 160800
gccaggttgg tctccaactc ctaacctcag gtgatccacc cacctcatcc tcccaaagt 160860
ctgggattat aggcatgagc cactgcaccc agctggaaca tgtctttcca tgttttagatt 160920
ttctttggtt tcttttacca gttgtatagt tttctcgc tagcttttat acatattttt 160980
aaaagatgta cacgttaagt atttttttac gttaatgtaa atggtttctg tttaatttca 161040
aattccaatt gttcattgct gatataaagg aaagcaactg acatttgtat attaaactgtg 161100
tatcctgaca ccttggtttt ttagatgatg acaataggag cccccaacc cttggccttg 161160
ggttggttct gactttccca agtgatcttc gacttttgga atctgcatgc aaaggaaaga 161220
aggagtttcc catacttctc cttggaatgg cctggcccaa gcacagctc cttggccaag 161280
gcccctgcct ccatgggacc ctggcctttg gaaagtagag gtgagagagg aggccgcagg 161340
tttaggagac aggggtgggg tgggagccgc aggtcttgcc ggctctgcac ggatggccct 161400
aggaaagtca caccaggtgg atggagtgcc tcacatatag aaagggaac tacggttttg 161460
tgtaactttt gtttcagtta tttacatgaa tatgtgtact gaatcataat aaaaaatgta 161520
tttctggcca ggtgcagtgg ctcacacctg taatctcagc actttgggag gctgaggcag 161580
gcgatctctt gagcccaggc atttgagacc agcctgggca acatggcaaa acctgatctc 161640
taccaaaaat acaaaagatt agctgctcat ggtggtgtgc acctgtggtc ccagctactc 161700
gggaggcgga ggtgggagaa tcgcttgagt ccaggaggtg gaggttgag tgaatagaga 161760

tcgcgccagc ctgggtgaca gagcgagacc ccatctcaaa aaagaaaaaa agtattcctc 161820
actatgtgtt gcagtcaaaa catttgaaag cccctgtcac agagggggtt tcttccttaa 161880
ggattacaga ttagaggtgg gtcctgttca gtcagcggg gggctcagta cctgcctccc 161940
aaaagtttgt cccatgccac cagcacctct ggccctgtgg ggtgaatcaa agctctcagc 162000
agctgagctc agttctcaac tgttctgacc acccacattc tacggagtgt ctttactttg 162060
agatcatctt gactctcggg ttctgttaaa gagtaaaaca acaacaacca tagctttttt 162120
tttttagatt tttaaagcac tgagtctgtc aactcagtgc ttaaaaaagc acagtctctca 162180
gaaaagagaa cacactctgg agaggcaatt cattgagtat ttttagcagg aacctaaaag 162240
gggcagctca gggtagttgt ggcatttaat tatgaccagg agaggccatt ggagaatttt 162300
aggcaggtgt gttcatttcc tggggctgct aaacaaatga ccaggaaactt ggtggcttaa 162360
aacagcacac atttattatc tgacagttct ggaggtgga ggtatgaaac cacagtgttg 162420
gcagggccac gtcctctcca gaggttttag gggagagtcc tttcctctt ccagtttctg 162480
ggggctcagg tgttctcggg cttgtgggtg catcgctcta atctctgctt ctatctgcac 162540
aagactttcc cgtcttctgt gtctcgattc tgtctctgcc ttttataagg ataccgtca 162600
ttggatttag ggccctctc ggtaatccag catgatctca tctcaagatc cttaatttca 162660
tctgcaaaga cccttttccc aaatctcatc tgcaaagacc cttttcccaa ggtcacggtc 162720
actgtctctg tgggttagaa catggatata tttggcaggg gtggggggct ggggggagca 162780
ccactcaacc cactacattg aacatttaaa ctttaccgt attttacaac ccagttgcgg 162840
cttttgttt gttttgctt gtcatttaaa gtcaggaagg cctcctgaaa gaagtgttt 162900
ctgaaatcgg tcaggaagca gtgggtggg agaagacaga gcagggcagg ggtgagagag 162960
tgtttaggac agaggacaat gtctgtgtga ggtggaagg gtagtactgt gaggagctct 163020
taaaggtctg aaagcgcat atggcagcct ccagagtttg agagtgaaag ggacagatgg 163080
taagaccagg gaagtaaag gaggcagaag gtcacggcag tccagaacaa tgctttggcc 163140
tgctcttgaa ggcgtgggga agctgtctt aagccacaag tcttggaatc atgatcagtc 163200
agaaagaaac ctgttttctca tccctactcc agctcacccc cacacagcca ttggacattt 163260
tgtttttatt tttcattttt atttttgagt cagggctctg ctctgtcacc taggctggag 163320
catgatggcg tgacctggc tcacatgac cttctctcc cgggttcaag tgattctcat 163380
gcctcagcct cccaagtagc tgggattaca ggcacgcgcc accacgcca gctaattttt 163440

gtaatttttag tagggacggg gttttacat gttggccagg ctggtctcga actcctgacc 163500
tctggtgacc tgcccgcctt ggccctccaa agtgctggga ttataggtgt gagccactgc 163560
accagcctt cattggatat tttgtattgt tggaatgagt gtgaggggtg caattagctt 163620
tagagatgtt gtccttcttt gctcagcagc aggcagggaa gcagagaggc ccaagagtct 163680
cacaccttct catttcctg tcattcaaag ggagaaagaa ggaaggcagg agctccagag 163740
tgtgaagagt agagtagctg tggaaacttt taggggtggg gagacccgag ggggatagag 163800
gccatgcctc tgtttgtggt attcctacag gcctgggaag agtggaacc cgccctcgct 163860
gtgtcccagc agagcagggt ggtggagctg gcccagccc cgcagccca cagccttgtg 163920
gcttctgcac tctggtgttt gtcttggtg agagctccac agggcttttt gaagctgatt 163980
ccatcaaggc aaagctggag gagtccaggc atgggatcac agaagaggca gctggaagg 164040
gcctcagatg gggaaataga ggggtccca cagtgcagatg atggcaaagc aggaagagag 164100
cccagggtc ctgactcctt gcacagtgt caaaccaaga ccatgtagct tcccagtg 164160
gtgaggagcc cgagacaggc tccaaatctt ctaggaagac atttgaatgc caaaggagcc 164220
cagaattgtg ctgtcccaga ggtgcctcct cttctgggtt cctgacacag agactccagg 164280
actccagatt ccagggtc actgcacctg tagaccccc cgggccaggc aagggtctcc 164340
aaggaggcct agctggcccg ggacactgg ccattgcccc cccctgacaa ccccataatt 164400
ctcagatgtg gattcaggac tgcccttgct ttacctctt gctcagtga gaccctccc 164460
tgtcctgtt cacacagatg cagatggatc acgtgtctca cagctgaagg cctcccccat 164520
ccgtctccac catctgctga ggccccataa ttattccaag gcccggtgca gcctcactca 164580
gaggggagag ttcacgcgg cctgtaatgc aaccaggcc cgaggccgcg cgggcagggg 164640
gtcccagctg ggtaatgagc cgctggcttt attgaattc 164679

<210> 1449
<211> 98472
<212> DNA
<213> Homo sapiens

<400> 1449
agcaagtga ctggcccagg aagcctcttt tgtactttgt gcccaagact gtcttcccag 60
cgccagaga cactgggcca ctagagggca ttggtacagg aaaccaccac actcttcccg 120
acctggcagt ctgatcttga aaaaccactt tcactccctc aagcagcaga agcaggggcc 180
agtgggagcc ccagaagctt cacataaatc aagccgacca aaataatact acaaacactc 240

tgaatattaa accgctcctg gaaccacagc tcacaaaagt agaccaatac tatcatgcta 300
aacttcaatg gaacaactgc cggttagagt aaggcagggt tatttttatt taacttttta 360
aaacttttat ttaagtcca ggggtgtaag tgcaggctctg ttccatagga aacttggtgc 420
atgggcattt gttatacaga ttatttcatt acccaagtat taagcctagt acccattagt 480
tatttttaat gactgtctcc ctctcccccac tctccaccct ctaataggcc ccagtgtgtg 540
ttgttcccct ctatgtatcc atgtgttctc atcattttagc tcccacttat aagtgagaac 600
atgcagtatt tagttttctg ttcttgagtt agtttgctaa gcataatggc ctccagctcc 660
atccatgtcc ctgcaaagga catgatctca ttttttttat ggctgcatag tattccatgg 720
tgtctatgta ccacattttt tttttatcca gtctatcatt gatgggcatt taggttgatt 780
ccatccttgt tttgtgccag ttttcaaggg gaatgcttcc agcttttgcc cattcagtat 840
aatgttagct gtaagtttgt catagatggc ttttattatt ttgaggtgtg ttcctttaat 900
accttgtttg ttgagagttt tgatcatgag tggatgttgc attttattga aagacttttt 960
gcctctattg agataagcaa gtgcttttgt ttatgtgatg aatcacattt attgatttac 1020
atctgttgag ccaaacttgc atcctgagga taaagcctac ttgatcatgg tagataagct 1080
ttttgatgtg ctgctgaatt cagtttgcca ggattttgct gaggatattt gtatcatatt 1140
tgttcatcaa ggatactggc ccaaagtttt tttgttgttg tatctctgcc aggttttggt 1200
atcaggatta ttctggcctc atagaatggg tcagagagga gtccctccac ctaaattttt 1260
tggaacattt tcagtaggaa tggatcagc tcttcttttt acatttgga gaattcagcc 1320
atgaattcat ctggtcctgg gcttttttag ggggtggtaa gctattatta ctgcctcaat 1380
ttcagaactc tttattggtc tgttcaggga ttttatttct tcttggttca gtcttgggag 1440
gatgtatgtg ttcagtaatt tatccattta ttctagattt tctagtttat gtgcacagaa 1500
gcattcataa tattctctga tgggacctt gtgactgaat tgttctgcat catgactgtg 1560
ttgtgtacta ccatgtccag ctagttttta atttttttgt agagatgggg tttctatgtg 1620
ttgcccaggc tggtcgtgaa ctcttggcct caagtgattc tcccacttgt caccctaaag 1680
tcttgggact ataggtgtga gtcacacac ctggcctttt catatccttg ataataggat 1740
aggttagagg gtcttttttt tttttttttt cttttcacag acatgatctc ctgaaaaaca 1800
caacacttaa tgaagattca accatacttt tgtctgctta taatgatgga aggtcataga 1860
aggaaaaggg agctagattt gtagaattca ttgtggtgtt tgatatatta ataataaatt 1920
aaaataacat ttttaaacac tcctaacttt aaagtatttc tttaaagtat cactttgaag 1980

tgatcttctt attttttggtt gtctccattg tggcaattgt tgtggcacca tgagggttca 2040
gaaggagcag aaaaacattc ctaaagcatg ttgtatgagc ctctcttatt ctacagatgt 2100
ttgttaaggg atggcgctgg ccaccctatc tcagacctcc taccgtgaat ggttctgcaa 2160
atatggtggg acagccccag gaagattgct ttgagaagtc aggaatgtct agtgaatcaa 2220
tggaatatta ttttggttac taaagaggct aggtacgtgc agcacaatgt ctgcacttag 2280
aacataacta atcaatgttc atttgccttc atccacccat tcctctagct gtcatagctc 2340
cttttacttt cacacacagg aaaggagaa atccactgtc aaaacccaaa caactttgag 2400
ctttttatgc caagaaggga tagatcaatg ttacttacat aaatgagtcc acaagtgcct 2460
atgaattttt tattgaaaga atataattct atttaatcag aattttttaa ataaattggt 2520
tttgtgtaat ttgggggag ggggtgggag aacagggtct cactctgttg cccaggctgg 2580
actgcagtgg cacaaccact gctcacggca gcctcgctct cctaggctca aacgatcctc 2640
ccacctcagc ctctgagta gctgagacaa taggcatgtg ccaccacacc tagctaattt 2700
ttaatttttt tgtagaggcg gggctctgcc atgctgcca ggctggctca gaattcctgg 2760
gctcaagcaa ttattcatct ttggcatcct aaaatgtag gattacaagt gtgagccacc 2820
acacctggcc tgtcatgtgt aatctttatt taggtagttg accacttcag cattctaggt 2880
acaataacgt tagccctttt ccattgcaa ttgatccagc tttcataata ggaccctctg 2940
ggacccaagt tcatgcatca gtggctggtt tcaggagag gtttacttca gtggctgtta 3000
atacagacca aaggcaagta aaagacagat tttgctctac acatgcatta atgtataagc 3060
agcatttatg tatacattta tttttacttt aaaaagata aaattaacgt gtttttttca 3120
tgatccaaaa ttgtattttt aaacagatac tatcttcatt tactgataaa gaactcttag 3180
cgtatgcaaa agctggagca gtagctgaag aggtcttggc agcaattaga actgtgattg 3240
catttgagg acaaaagaaa gaacttgaaa ggtttgagtt tcttttttaa atggatagat 3300
atgttaaatt ctgtcttctc aaatgccctt cagattgaca gtgttattta taagcatttt 3360
ctcccatata tatgttttct taaatagctt aatggatgta ttacagcata actaatattt 3420
tggaagaagt gcaattctaa ttgtactttt cttttatctg ctaattcaaa gagttttcta 3480
gatgggcaat aacataaaaa tagtttccaa agactgaaat gtattttata cctctgattt 3540
ttttctcta tcaagttaat tagtgattct ctaatattga ctgagtattt tgtgtaagat 3600
ctatggggac attttaatcc gtggttcatt ttcctttctg cccctattca gctgacatat 3660

gctacatgat ttggaagata aaaatataac caaaaagcac ttatgtgtac aaaagttcaa 3720
aatctttttat attatgtggt gtttagtatt atgcttacaa ctgttccctt ttattagatt 3780
tctgaaagca tagatggtaa tttattgaaa tttagaatat aaatcagatt actgatttct 3840
aagcagcaac agattttatg taaaattgaa tataaattat aatattctga tgctataaca 3900
cttcaatctt atgaatataa atatctttga aggtatgaaa aagtaaactg tattgggttaa 3960
gggggttata cattgttttg tacagccatg aagaaaacca agggaatttt cagaaatcag 4020
aataatgggt agctctaggg aagatgagaa gttgtgtaag gagagccgaa cacacagcag 4080
gggattctgt ggttctggca gtgttctgtt tcttgatctc aggtatactt acatgagtat 4140
tcattgcata atttttttaa ctgtgcatat gtgtttggag tacttttgtt ctatgggata 4200
ttcacacata taaatatatg tcttctgaga ataatttata atgggttaagt gccatagttc 4260
aaaggaaagc aatatctatg ttccattttg atttttgcta aagtctttgc ttttgcttta 4320
aaagatgtct ggctaataaa atgaggagtc ctgcttaatg actgagcaaa tattcaatga 4380
aataaatccc cggctctcat ggagcttaaa ttctaattggg ggtggttaagg ttacagacaa 4440
ccacaaataa tcaaataggt aatacaccag ttggggtaaa tattatttgg ggaaataaaa 4500
taagagaatc atgaggatac tatttagata agttattcag aaaaatattt tctgattagt 4560
tgatatttga gcagagacat aatgaagttt tgagtttggg attcttttcc agttttctc 4620
agagaaaagg tggaccagaa aaataatatg cccaacagcc caacagcatt ggaagacaga 4680
caaaacttaa cagcttcttc ctggtttctc agctggagga aaacatctcc ccatagaagt 4740
tagattctca ggctgactg ctatctgcag atggggtctg aatttatact actctgtgaa 4800
gtaggaaaca atctctctcc aaagctgagg atttcacatt aaaaatgagt cctaattccag 4860
tgataccaga gtatctggta gaagaaatac aaaattattg aaaattaaag aactaaacat 4920
ctaaatcaag aagttaggga aagaaaaata aaatattaga aggaaataat aagggttaaga 4980
gcaaaaatta atttaataga aaataaaggc aaaagagtgg aagattgaca tatccataaa 5040
ctaattcttt aaaaagactt ataaataact attttatatg tttaatcagg aacaaaaaaa 5100
gaatgaatag ggaaaacttg taacagatta aaaaatctat ttttaaattg cagctttata 5160
ccaataaatt taaaaaccct catgatatag ataatatgct agaaaaatgt aggttaaaac 5220
tctcacttaa gaaggagaag atctgagtaa acccataatc gttaaaataa ttgaattcaa 5280
agttaaaaat ctccattttc cactgcttct ctcccacaag cagaaatcac aaaacaagtc 5340
tgataattt tgtaggcaag ttctaccaca acttcaagaa agagataacc ctatcttaca 5400

taaattgttg tagaaaatgg aaaaaaaaaag ttgtgagttc attttatggg gctagtgtaa 5460
ctttgatact atattaccag gcagatataa tatgagaaag gaaaactaaa ggacagtttc 5520
acctaaaaca tagatgcaga aattataaat aaataaataa ttagctaaat aaatccatgt 5580
gaaaaatacc aaattgaaaa catcctgaac atgttggtt tatcctatga atggaaagat 5640
ggttttaaca ttaggaaatc tattaatata attaaccata ttaatagact aaaagaaaaa 5700
atgtgtgtg atgtaagggg aaaagcatga attatatatg attcatgaca aaaactcgta 5760
aaactaggaa taagaaacaa cttcttaat atattagaga cccgcaggaa acatttagtg 5820
gtgaaacatt aaaaatattt taacacttaa aataatgaat gaaataaata catactattt 5880
tgtctgtcaa tttaaaaaat aaaaaacaaa taatgaatga ggcaaatgtg tttactatca 5940
tttctatgta ctgttgtact agtactagat aataagacca ataaaacaaa taagagtaag 6000
aatgaaaaaa agaaaacgaa aaagaaaaac agtaagtatt ggaaaatagg aagaaaactg 6060
tcgttattca cagacgataa gattgtctac acagaaattc cagtaggttt tataagctaa 6120
caaaatacaa taagatctct gggtacctat cattattcag aataaatggc attcctgtaa 6180
accaggaatg aacaattaga aaatatatag tatttcaccc attcagaatg aatccatcat 6240
ctctgaaatg gaaataaacc taacagtcag tgccatctta aatttgctat ggatctggat 6300
tgaagtccaa ttctatcagg caggatttat gtttgcttct gctattcacc aagggcactg 6360
ctaacctgag accaccttac attaaattat gtgtctagtt gtttttgac aacactggta 6420
gtgtgaattc atgctcagac ctgcatgagt cctactttgt ggtccagatt ctcagggagg 6480
tttttttcct tccttcacct ggttggtgcc aagactgaga catgcaagtt ctgctgtgtg 6540
ttgcttaata tactgaggta tagccctttg agtcctagct gcatatggaa tgttctatta 6600
aactcatttc ttaatgcttt ataaaatgac agaataccag tacttgctac aattaaagac 6660
atcttaaatt tgaggaactg acaatatttt taaggacatt attagcaaca aaaactataa 6720
tgatggatgg aataaaacct gagaaggagg aaatggacat tgtgggagtg aagccaaca 6780
tttgtaactt agataaatct gatatttttag ttcactgaaa gtttaaaggg attcagattt 6840
aatggagtgc ttttaattagt tagatatgaa aatatttttc ctagcaaaaa tgatcaaatt 6900
ttaattagaa gaataaaca atggacttac acagctatat ccagagattc ctatatttgc 6960
tctaagtagt attttacatg tggaatcatt tcttcagaaa atataagtta cttgaatgta 7020
tctttgaaag ggcagtctcc ttcagagaac tgaaactaat tttgcttga gatcaagaat 7080

tgacgtaaga ctacaaactg atggccta atgttcccca agttggccat ttctttaaag 7140
tttatttatt tgacaaatatt attcagcacc tacaacatgc caggcactgt gctagggttct 7200
agggttttct tttcttttct tttttatttt ataaagttct aaacaaagct agggctctag 7260
gttttcagct gtgaatcaga aacagagggt attttgtgat cttcagtcaa aatagtaaaa 7320
tggataaaaa tgggaaggaat ggagaaaggg aggaagaaat ataaggaatc gtcaaagaaa 7380
aaaataaaaa tattgattta aaaatgtgat ctgaaagaat caaagagtgt gaggatgatg 7440
aatgggtcaag ttaactttta atacggtggg tggggcaggc ctctttgagg aggtttcatc 7500
tcagctgaga cctgagggat gagaaaaagc aagccatggg gggaacagag atgggatggg 7560
tttgaagaag agtcttccaa gtttcctggg gtggccaaga atttagtatg ttctaggaaa 7620
cgtcataagg cttgcatgac tgaagctcag ttgaatgagg ggagattggg gtgggcaggg 7680
gccagaatgt ggggatgatg ggccatgatg aagagttagg attgtattct aagggcacag 7740
gggagtgggt gaggggtgta aaaagaggaa tgactatcca cgttatgttt tcagattggt 7800
tgtctgtaat ggggtctcatg aatggatgag agaagtcaaa ggggtggaagc agggagacca 7860
gtggggaggc cggcagaatg gtccaggcca gagcatctcc ctgatctgga gcagaggcag 7920
gagaggggtg acagggtacct agatttggga tataacttga aagtagaatt gatgactatt 7980
cttagaccag acataatcag ttttctttcc tgttcttctc ctcccttct ctgcttctac 8040
ataaagtaat tgagggtctta atctggcttt ctcttcaa atagcagtgc ggagggaagc 8100
tggctctctt tgaatggaaa ttaaccaga agttaaaata aattccattc aatcgtatag 8160
aatagttttg ttctttttca cttaaaaata ttttctctc ttttatgtgc cttgaaaata 8220
tatttatcta ttaatatatta tttctgttgg cttaaccaa attgttcctt attcttaaaag 8280
tagttacttg cattattgat aaatattttc acaatattta agaagagtca tatttcctac 8340
ataccaatgg ttttggtata taactttagt ctcttttagt cattcctact ttcatgacca 8400
tttctgtact aaagcctttg atgaatggat gattttaata tctagtttta tgtatggcat 8460
ttgtatggaa aaacaacaaa gagcttatgg aaaaggagta ttgtttatat ctcatctccc 8520
tttgccccct tctttccttt atttctcctt tctgatgtct aaatgatttt ctctctgtg 8580
cttctgtgca aatgtttcct ctggctgcat aggacaacat cagactgggt tctacgttag 8640
tcttggttaag cgagaactga aataaaggag ataacagagt atagtagata tgtattaaat 8700
gtccttaaat atattcttat gtaagttatg ccagtggtg gcttttacct cagatcaact 8760
cataaagtga gagatatgta tgtgtctgtg tgtgtgtgt gtgtgcata gtgtatataa 8820

ataattgaaa cgtttctcaa aaataatttt tctgttcaga tgataactgg caagttgagg 8880
atttacattt tggggggtag aaactaatga tgtgttgcta tgttgtcact atgaagttct 8940
gtttaaattt catcttttagt gaacacggta gtgatgtaaa tttcacttgg catgcttttg 9000
taactctgta atgtacctag ttaaagtagt catgaaagca agaaacaatg catgttcata 9060
tctggacagt gcttgagctc tgctgtacat gctaattgaa caagttctcc aaaggaaatt 9120
aatataatgc tatataatat ttatatagtt gtgaatttat ggatcaaaga ccttaaagta 9180
tgacttttat atggaagtaa gtcatgaat ttcaacaatt attagctcct cctctatcca 9240
aggcaatgct ctaggttctg caggaggtg cgattaagaa aatacagaca gatttaaggc 9300
aatctgtcct gtttctctaa tccttttacc ttggttctac atttgcaaaa ttccttattt 9360
ttctttaact ctgggctcca ttagcttacc tccatagcta tcctcttaaa cagagtagtc 9420
ttctctgttc ctttcaaag aaggctgagt tatagacatc atctccttta actttaccgt 9480
caaaaattga ccacctctg agggtttaaa aaatatttga attatcagtt gggaataacc 9540
tgtaagtcac tagaactgca gaaataaaat ctgtcagtgta ctccaacatt gtttttcgat 9600
tttttttcat ttgctcattt ttgccccttt tgtacaattt cctatatattg ctctaagaag 9660
tattaatggg tcctcaccag gtttggttaa tgtagggtag gcctttgtgc tatgaatggg 9720
ttcagggcta tagatatgct aataatttaa tttttctcag cccttgagtt agtcagaagc 9780
cgtggatggc ccaagccacc aggtcagatc ctggttagttc agcagctggc agctatggca 9840
tgacaagtgt tgggagcatt aatagaggga aggacacata gtcaatatgt agaaaggaga 9900
aggaagagag ggaatgctga tgaataatga tgtgctttta taaacctgta agccaaataa 9960
tttttgtagg tcagtgattt ttaaaataaa tgtctacgga agtaagataa attgtacagc 10020
ttattttaa atgtaaaagta ttacatggca attcagaact ctcaaatgc tctcacacat 10080
gtaacctctc agttgggtcat tccgacagtc ctagaggaag gcaggacaga gagcaaactg 10140
tctccaaact tccttaatgt tcagagattt aaatgactgt cccttttttt ttttttttagt 10200
actttctaac attatctctc cattttatta attaaagagg catgcagatt ttgaaggaaa 10260
gacacagggt ttttccatgg cttttacttt gtcttggtga tgaaacaatg taagtttttag 10320
aagtttgcta aatattgctt cacttatttg ctattgctaa agccagagaa ggaaatttta 10380
gaagactccc ccacaaataa gttaatctct ataaatgtca gtttcttctt ctgcaaaaag 10440
ggagtaaaac agtactacta tatagggtca atgtatgagc agcaggacaa aatgcatgta 10500

tatcacagga ctgaacacat cctagccact ctgtaactat catgctatat cgacatgttt 10560
tcataaaatg tatatgtgat catttttgtt ctttttctca ggtacaacaa aaatttagaa 10620
gaagctaaaa gaattgggat aaagaaagct attacagcca atatttctat aggtgctgct 10680
ttcctgctga tctatgcac ttatgctctg gccttctggt atgggaccac cttggtctc 10740
tcaggggaat attctattgg acaagtactc actgtaagtg gtttacattg agaaatgaac 10800
cattattata aaatgccaat gaaatccagt aatgttggct tgactttaga agaatatatt 10860
ttgaacaact gttgaatact acagacatat gcactactag gttaaaaagt ggaaggccag 10920
gcacggtggc tcacacctgt aatcccagca ctttgggagg ccgaggcagg cagatcacga 10980
ggtcaggaga tcgagaccat cctggctaac atggtgaaac cccgtctcta caaaaaatac 11040
aaaaaattag cggggcgtgg tggcgggctg ctgtagtccc agctactcag gaggctgagg 11100
caagagaatg gcgttaaccc gggaggcggg gcttgcagt acctgagatt gcgccactgc 11160
accgcagcct gggtgacaca gcaagactgt ctcaaaaaa aaaaaaaaaa aaaaagtgg 11220
aaaaaaatta gatgcacccg acaaccagtt ttttctttta tttgcttgtt tgtttttgca 11280
gatattctgc acaatttatc ctgtagccta aataatatta acgttagcaa tctcaatagc 11340
atgaactttt atttggtgag attatttgtg ccaaacttgt tgctaaacac ttcactttta 11400
ttttctgatt tactattcac aaaaatggca aaatacacat tttgacttct tttcaaatta 11460
tttcgaatgg cagctaattc acctcaciaa ttatggaagt ataaattgtt cctcttccta 11520
aaagattgtt tggaagtgtt ctgcattata gacctttgtg caagcacaga agtcttgcca 11580
tttaatgtta tcctctttta ttttaaagac aatgaaataa tttgcaaacc aaactcaatt 11640
catatctgga tctaataaaa tacactgtta gaagagtcac ttagttcctt tttcgtaggc 11700
caagcagaaa tagattgagg caatgagaga tgatattttg tagaatccct taaaacaatt 11760
ccctttttca ggagccagat ttgtaatatg gattcaataa tcacttcttt ttcttttttt 11820
ttcaaatttg ctttatccaa cattgctcag tggggaatgg cttttcccat gaagtttttt 11880
tttttttagta tagtgatgct gtgggtgatc cttggttgtc ataacagatg ttttctgttt 11940
aactgtgatt gagataagca gtttaaactc agtggttact gggcatgaat atacttcaca 12000
cactggaggc atccaaaata gggagtgtgg ggtttgatat cggaccaact tgattcaaatt 12060
ggcagctttg tcacttatta gctgtatgat ttagggcagc cagctaaact tttcaagcct 12120
ctgctacctc ttctgcaaaa tgatatgaca ggaatgaacc ctaactttca gcgtgttttg 12180
aggactaact gagataatga atatagaatc acttagcaaa gttccttctg tgtaaattat 12240

tgagcaatat aattccatgt gatttagaaa aaatgaataa tgacattaat tctcatcaac 12300
cccaaagaga aacacagtta agtctttacc aataagaaac tgatttgcac aaaacaaaaa 12360
aacaaaaggc ctaaagagaa cacggccttg tggcaaaaaa gacaacctga taaaggatca 12420
gtgtcttagg tgtgtgtgct ttataattaa caaaaaatgt tcatatacac tgttttatca 12480
tgatacaaca tctctatgat tgctgggtag ggagaacaga tagaatcttg cctgtttttg 12540
ccaatgaaga aattgaagcc aaagattcta agagaatggc ctaacaacat ataactagtt 12600
attactaatt taggattcag aactgggtct tctgactcct ctgctagcat ttatttccac 12660
tttaccttac tgatgatcta aataaaaaaa aaactagaca ttgaagaaat ataaaaatat 12720
cctattataa tattctagcc ctgtgaaatt taaatcattg ttatttgagc aagtaagact 12780
aattctgcat tctaaattga aaagtattta tatttccaaa atatttttag tatgggcaac 12840
atagtgagat ctcatctcta taattttttt ttttaattag ccagatatgg tggcacttgt 12900
ctgtagtccc agctacttcg gagactgagg tgagaggggt gtctgaaccc agagggtgaa 12960
gttgcaagtga gccaaagattg caccactgca gtccaggctg ggcaacaaag caagacctg 13020
tcttaaaatt tttttaaaaa aattttatgc tatttttaat tgacaaatca taattgcatt 13080
acacttacgg aatacaatgt gatgtttatg tatacacaca catacacaca aaatgtggag 13140
tgatcagagc aagctaatta acatatctat ctccctcactt gacacctttt gaggtgacac 13200
atttgaaatt tactcttggc tgggtgtggt ggcccatgcc tgtgatcca gcaacttttg 13260
aggctgaggc aggaggattg cttgaggcca ggagaccagg ctgggacacg tagcgagacc 13320
ctgtctctag aaaaaataaa aaaaattagt cagggtgtgat ggtgcatgct tgtagtccta 13380
gctacttggg agactgaggc aggaggattg cttgagccca ggaggtagag gttatgacga 13440
gctatgattg caccactgca ctccatcctg ggtgacagaa tgagaacctg tctcttaaaa 13500
aggaaaaaaa atgaaaaaag gaattaaatg tactgttagt tacaaacttt taaaatattt 13560
ttaacaccta gtatttatat gttgcctcgc catttttaaat ttttaattacc tatgttagaa 13620
aaagacagaa gaagtatgaa aaaaaattgc tgtcactatc tcagtagcct gatgggtttt 13680
cttcacattc ctcaggattt cttttctgta ttaattgggg ctttttagtgt tggacaggca 13740
tctccaagca ttgaagcatt tgcaaatgca agaggagcag cttatgaaat cttcaagata 13800
attgataatg taagtctgag ttggccatct atccacctat ctaaaagatt gtccagttaa 13860
gtcaatttct ttgtcacttt atccagctct ccacaaaata tcactaaaag tagttattgt 13920

aacctagtaa tctcttaaaa ttgattctg tttagaagcc aagtattgac agctattcga 13980
agagtgggca caaaccagat aatattaagg gaaatttggg attcagaaat gttcacttca 14040
gttaccatc tcgaaaagaa gttaaggtag agtgataaat gattaatcaa caattaatct 14100
attgaatgaa gagtttctga tgttttcttg tagagattat aaaaaagtgc atgtatattt 14160
aaacctagtg aacagtcagt tcctatatcc tgtgtctgtg aattgccttg aagttttttt 14220
ctcactcgtc ctggtagatc ttgaagggtc tgaacctgaa ggtgcagagt gggcagacgg 14280
tggccctggt tggaaacagt ggctgtggga agagcacaac agtcagctg atgcagaggc 14340
tctatgaccc cacagagggg atggtgagat gacccatgcg agctagaccc tgcggtgatc 14400
agcagtcaca ttgcacatct ttctgatgtt gccctttcaa ttacaaatgt atgaaagtca 14460
cacttacttt ttattccagg tcagtgttga tggacaggat attaggacca taaatgtaag 14520
gtttctacgg gaaatcattg gtgtggtgag tcaggaacct gtattgtttg ccaccacgat 14580
agctgaaaac attcgctatg gccgtgaaaa tgtcaccatg gatgagattg agaaagctgt 14640
caaggaagcc aatgcctatg actttatcat gaaactgcct catgtaagtt gtccttgccc 14700
tttgcctttc tagaggtgca aaaaataaaa tgcaggccta ctatgcagga agttaggaaa 14760
ctactataaa tcggaagaag ggaaatccta agaagggaag gtaagattac ttcagatttg 14820
aaagctctag cagtatcaac tggctgtaga tacattttta aaaactgagg ttggttattg 14880
tgtaaataa gatttaaaga actggacctg tattacttgt gagacttggg ctgtgtatag 14940
gattccttac caatttaaaa tatgagctga gatagcttgt ccttatgcta aatcattctg 15000
ggttttctgt ggtagaaatt tgacacctg gttggagaga gaggggcca gttgagtgg 15060
gggcagaagc agaggatcgc cattgcacgt gccctgggtc gcaaccccaa gatcctcctg 15120
ctggatgagg ccacgtcagc cttggacaca gaaagcgaag cagtgggtca ggtggctctg 15180
gataaggta gtgaggctta gttcaaacca acctgattta taagcataag aacattctac 15240
tactaattct tgttaatatt ggtcttagaa aaggaaattt ctgatagctt ctagggtgatt 15300
ccttcagcta ttaaaataaa agcattgggc ctctttgaaa tctttttcta tttgtttgtt 15360
ttattgttca atttctattt atttctctga tcttatttta aatgttgatg aatacatttt 15420
catttgaaga cacttgctaa tcttttaaat taaaaaatag aaatatagac acatgtgaaa 15480
gttcacttct atttgtatct tcaaaacttg actatgtgga taacctgtt atttaggttt 15540
tgagagtttg taatattgcc aagaagagaa aaatacaacc tgaaggcca tatataattt 15600
tccaggtgtt gaatgccact tgaagactct atgcgaaata agaaacctct tatttccagg 15660

aaaggggcag atagcctgtg atactgaaaa cctacctaag ccatgacagg ttattgacta 15720
tcaacagagt ttgactgtcc tgcaattctg gagtccatat gactcattca ccaaatagca 15780
tttgagtgtt tgccgtgtgc cgggcaactgt gcctttgatc tccagcacgt gatagtaacg 15840
gggataattc tgtgaggacc gagaatgtgg agatggagac attataacca aagggtgttc 15900
aagttgagat gtcacagtag aattcaaaga tgaactcata tttgtttcaa ctctccctgt 15960
ctctaataaa acaacacttg aatgttcctt aacatcctgt caatgtgctt aataaatttt 16020
tgagagagaa aaaaagcagc ttactaaaca ttctgtgaac caaaatagag gccgatggga 16080
ttctggttac tatttttccc ctcatcttgc ttaatctgtg atttcatctc tgtgtttttc 16140
tttttctttc tttatttcc tcttctcttc ctccctccc tccctcaatc cctccctctc 16200
ttgtctcttc tcttctttc ctttctttc tttcctttc tgaccttccc ttcctttcat 16260
ttcctttccc ttccttccc tttctttccc ttccttccc ttccttccc ttccttccc 16320
ttccttccc ttccttccc ttccttccc ttccttccc ttccttccc ttccttccc 16380
ttccctcccc ttccttccc tcccttccc tccctccca tccctcccc tcccttttct 16440
tttctttttt ctcttctctt ctcttctct cctctcctgt cttttctttt cttatcttat 16500
cttatctttt cttttcttgt ttcttttctc actctgtcac caggctgaag tgcagttgtg 16560
ccatcatggc cactacaacc tctgtgccc agtctcaagt gatcctccca cctcagcctc 16620
acaagtagct gggaccacag gtgtgtgcc ccatgccaaag gttttttttt tttttttttt 16680
tttgagatgg agtctcgtc tgtcgcccag gctggagtgc agtgggacaa tcttggctca 16740
ctgcaacctc tgccctctgc ctgagcctcc tgagtagcta ggattacagg catgcaccgc 16800
cacacctggc taatttttgt attttttagta aagacagggt ttctgtcatgt ggcccacgct 16860
ggctttgaac tcctgacctc aggtgatcca cctgcctcgg cctcccaaag tgctgggatt 16920
acacgcgtga gctaccgtgc ccagcccca gctatttttt gatatatattg tagagatgag 16980
gtctcactat cttgccccga ctggtctcag actcctgggc tcaagcaatc ctccgcctc 17040
agcctcccaa agtgctggaa ttacaggagt gagccactgc ttactggttt gcttatctgt 17100
gtttccttat taatctatag tgaaactatg tattaatta taaataaaaa caattttaaa 17160
aggttatatt ttaaaatact ttagggtgta aattttgagg ggaaattcca catacccctt 17220
ttttcttaaa aagatacaaa aattgatcta ttttcttctg tattttctag tttctaccac 17280
ctaatttttc cttgtgtatt ttttctttt gaagttttcc acttctactt atcctatgga 17340

tcctgaaaat gttgtgtgtt ggttttgaga attgtattgc tagttattag agagacatat 17400
agagtaacaa aaattatgag cattgggaaa gttacaaagg ttagagaagt ctgagacaag 17460
gcctggatat ctggctctgt tcctttatga aaataaaaga gacttacgtg actcttcaat 17520
ttttccataa ttcttcaacc taggaataag tatcactaac tatggataag gcacagtgtt 17580
gagtacttta tgtgctttat tttatttagt catcacaact actctaagaa gtaaatacta 17640
ttattatccc catttttacat atgaataaat tgagtctcac acagtttcct tggataaaat 17700
attttattgg ataaaataaa ttcataaatt tatttcaggt cagtgtgaca ttgaggtctg 17760
gactttgctg cctcacattt attgtctgtc ttgttcaccc aggggggtcat gcgggatagg 17820
atattataat tcctagggct gattactagc cggtgtgtat cagtacagca caatggcctg 17880
tgtttgtttt gattggccaa cgctgggtct gtaggaattt gttggtttgt acaagcccct 17940
gattattatt atttttttat tttttatttt ttttttttga gatggagtct cactctgtca 18000
cccaggctgg agtgcagtgg tgcgatcttg gctcactgca agctccacct cccaagtagc 18060
ggggactaca ggcacccgcc accatgccca gctaattttt tgtattttta gtagagatgg 18120
ggtttcactg tgtagccag gatggctctg atctcctgac cttgtgatcc acccaccttg 18180
gcctcccaaa gtgctgggat tacaggcgtg agccaccacg cccggcccaa gcccctgatt 18240
attactgcaa atttaggtta aataaaatat ttgggggctt acataatatt aatatgtgac 18300
tgttatattt gtgtttgtat ttattacaag gaaacatcat ttttaactat tatcaattgt 18360
ctatacattt attgaagtca gaggctatct tatatagatt tgatggtttt acaatgccca 18420
cagcattggg tcagtaaata tatgttgaat ggttaagttt cttcaggtaa ttgttaatgt 18480
attcaaaaac caaatttctc tctctttagg ccagaaaagg tcggaccacc attgtgatag 18540
ctcatcgttt gtctacagtt cgtaatgctg acgtcatcgc tggtttcgat gatggagtca 18600
ttgtggagaa aggaaatcat gatgaactca tgaaagagaa aggcatttac ttcaaacttg 18660
tcacaatgca ggtatagttt aacttcagaa ttttcctaag tcatctcagt gataaactga 18720
ttttgcattt aatgctaaaa ataaatatta ttgatttga ttaccttaca aagtaggaaa 18780
caacacctgg gggattcagg atgagaccag tgtttaagat tttttttctc tcttgaaaaga 18840
ggggaaaata aagaaggata aacagataaa aaaattaaaa ggtttcaagg tgagttatcc 18900
gttatagtag tcagtagcca catgtgtctg tacagcattt aaatggtagt gaatctgaat 18960
tggaatgttt taagtagagt gtgcacatct tgttctgaag acttagtaca aaaaatgcaa 19020
aatatctcaa tttttatatt gattacatgt tgaaacgata tcatgggata tcaataatat 19080

attggatata ttaggtgaaa taaaatatat aactaaaatt aatttcactt ctttcttttt 19140
acatttggtta acatggcttc tagaaaattt aaaataacat ggctcatagc atggcttggtg 19200
ccatatttct gttgaaagca ctgatccaga gtaaacttga ttgagtcaaa acaccacaaa 19260
aaaatggcgt gagaagataa gatacatgga atgaatgcca gattatttca gtatatgcag 19320
tggaattct tcttggtgg ttttcgtttt caaatatcac acacacacac agacacacac 19380
agacacacat aaaacaacac agcagattag ctttatcctt ttctgcagtt actaaacaaa 19440
ttgctgtttt ccttgatagc tgacattcag tgattagctt tcattggtta acacacagcc 19500
taatgagctt ttgcatattt cttatttatt ttagacagca ggaaatgaag ttgaattaga 19560
aatgcagct gatgaatcca aaagtgaat tgatgccttg gaaatgtctt caaatgattc 19620
aagatccagt ctaataagaa aaagatcaac tcgtaggagt gtccgtggat cacaagccca 19680
agacagaaag cttagtacca aagaggctct ggtatgaagg gagatgcgga gtttgtttta 19740
atctcactaa ctgtggttcc ctagtgtgtt gggctagggc tacagtagga gtgggaacaa 19800
gagaggttat ccagaatcct cctgtcctat ccccgagaat gtcaacattt tagaatcagg 19860
ttagaattta aaagtattaa ttacacagc agaattttta gaattaaaat ttatagtgtta 19920
aagagactat agcgggtctt caaatatcaa aatttcatt ctgtttactc ctgcttataa 19980
atactcttgt caggttctga gtaccaaata aaagtaagtg tttgtggaaa catcatttat 20040
tttttaaaaa ataaaggagt attgtagcaa aatttgtcaa ctttttttg aagctaaata 20100
ataatcacta tgacattttt taaagcaaaa ttgtcatcac ttattcattg ataaggaata 20160
aggataggat atattccttt actaattttt gtgcgtatgt aagaattgta catataaaaag 20220
tttttaacta gcctgttgta ataatttgtg ttttctagga tgaaagtata cctccagttt 20280
ccttttgag gattatgaag ctaaatttaa ctgaatggcc ttattttgtt gttggtgtat 20340
tttgtgccat tataaatgga ggctgcaac cagcatttgc aataatattt tcaaagatta 20400
taggggtaag tgtgatgcc atttgtgtga ttacttgtg aatcctgatg gaagaatgaa 20460
cgaataaagt gcttgtgtct gaactgggat aaaaaacaa caaatccac gtatctccat 20520
atgaaactaa ttggcttgaa gatgtaagaa tagcagtctg gtttgtgata ggagagctaa 20580
ctttgtgaac cttcctttgt catcacagtt ggtttctaac ctgggcaact aaagaccagc 20640
ttcctgaaat agtcaatgaa agtgatgaga tgactttctc atacctgcca acatttggct 20700
ctgaacaaat cttgtgaact ttcatttcac caatgtgcaa agagagttcc tcaaatgttt 20760

gtcaggctgg cttgagaatg cactgttctc taacatacat actttccagg atgtgagtaa 20820
gcctagcatg cttcttttgt aagatgtaat tttcatccca cttgctaaga ttaaaacaaa 20880
taggaacggc ttcttaaaga ttgagggtga catgtgttag ttccacctca tcttaatggg 20940
ggcattttca acagtaaagt tacaatctga aaggaatgct ctctgttttag tgacatatgt 21000
ccaaacatca agctgaggac acccttgcca taactgctga aaacattgtg gagaaagaga 21060
ttgatcacca caagaagcat aagctaaaca ctgacttttg attctacaaa atatatatga 21120
ctattcaggt ctactcatgc ctgggttagct tatttcagtt taatatattc attcatgaat 21180
tcatgtttaa tgacattcat gcttaatat aaatatattt attcaagaat tgttattatt 21240
ttttgagtct cgtcactct cggccaggct agagtgcagt ggtgcgaact cggctcactg 21300
cagcctctgc ctctgggtt caagcgattc tcctgcctca gcctcctgtg tagctgggat 21360
tataggcctg caccaccatg cctggctaata ttttgtattt ttagtagaga taggacttca 21420
ccatgttggc caggggtggc ttgaactcct aacctcaagt aatccaccta ctggcatgag 21480
ctgccatgcc tggcctctag aattattttt tgtgtctgct ctgtgccagg tatttttcta 21540
gttgttga aaattccgag aatgtgatca aatgtctgat tctgtagagt atatggtcca 21600
gggcaggagt cagcaaactt tttctattaa cagtaagatg gtaaataatt taggccttgc 21660
atgccacatg atttctgttg cagatactca actctgacct agtagtacac aacagcaatg 21720
tggaatgaa tgaacacgac tgtgttccat taaaacttta tataaacatt tggccagtgg 21780
cccatagttt gctgattctt gcactaacat gtgtcttgca ggttttgggg gttggcgggg 21840
gtagactgtg gtgtcatcag agaaaaaaaa aaaaaggaaa tggttaagtt aggaatgggt 21900
ttgggttga caaaacctca acttatgatt ttatactttt ctcatcttc atatgacaat 21960
aagtctggag gtaagtgacc cagggtggg atattagctc ttagatattg agtaggcaac 22020
cagacatctg cctcattgaa gatagtggg tctgcatcgg attgcctgga tttatatact 22080
tgagtcaccc cttgctggct gtgttaactt gagcaaatta attaccttct ctgtacttca 22140
gtttctatct gtgtaaaacc gtgatgataa taaatcatc ttctggagat agttgccagg 22200
attagaggaa tagtatatat gaatttgctt agaataatgc ctggcataga gtaagaattt 22260
ggtaattgtt atgatttttg ttggactgac tagtcaaaaa aaattattta atctcttcaa 22320
aaatccttgt tgttgttgtt atttgttgtt ttttttatga aggataaagt tgtctgtcct 22380
gggctaggaa tgttactatc ttacaagact gattttggcc cactgtgaag ggagatacgt 22440
gttttcttct cctgaggaat gggtatcctc tgtgttcctt gagtcaaaaa catcctatta 22500

gcccttataa ctatctctgg aaaaaatttc aggtatggtg ctaggtcagg tagctgtagt 22560
ttccaactgg ctctcttaac tggccatcct accaagaagg caggctcaag gaaattcctt 22620
tctttttgaa aggcctgggc tgagtgaatg accaccactc tgtgggtcac caaaaaacca 22680
catcagggtt tccccagaca ccttgggaca gtttgaaatg tccaaatagt aaagcaatga 22740
actgccataa atgtagttcc ccaccaaggg aagaggagag tatttggttct gattttcaact 22800
ttacacagtt gaggtggcac tcatgactcc aagaggggaat ccgaacagaa aaaatactgg 22860
atcaatttat gaatgataga cctatccttg gcctccacag aaggggagaat gcagacacct 22920
ttaaggctgg caataggaaa gccaaaccca atttccagcg tactaaggct ctctgaccc 22980
ctgaatactg ggccagatgg gaaatgggtc aggtccagga tgggttcttc actgattgaa 23040
ctaaaaatcc tttaaatggt ttctcacagg tttttacaag aattgatgat cctgaaacaa 23100
aacgacagaa tagtaacttg ttttactat tgtttctagc ccttgggaatt atttctttta 23160
ttacattttt ccttcaggta aatgtttcca ttttactat attcattttg agaaatgcat 23220
cattattcaa ctggggggat ttataaacat cagtgttaatt ggcttttag tagaacttct 23280
ctattaacat ggctactaac agccaagttt ttctgacata gtgaaaaaag atgtttgcct 23340
cctctggctc ccttgcttac cttctcctct ccacccttac ctcccgcaat gaaaccaggg 23400
ggaacagagt atttggcctg atatgatgat tggagggtgaa aggcaggggac ttcaaaatgg 23460
ggtgtggggg agccctggat gtaagtttgg atataagtat tgccagtaaa tgtaaatact 23520
caaagaaatg tcttcccggt ttctaaaagc aacaacaaac aaacaaaacc ccataagcgg 23580
gtcacatggg tttaaaaagg gtttgaagag tttatcggtc aacttttgtt caaggagaaa 23640
gaatcatttc agtgatggaa gaatgtcaat cctccaacaa aaaatgtagg aaacatttgt 23700
aaagagtcag atttttacag cttgcaaatc atttggctga aatgaaatgg caaggaatta 23760
agtactctaa aagtttagta tgagggccag gtgtggtggc ttatgcctgt aatcccagca 23820
ctttgggagg ccgagggtgag tggatcacct gaggtcagga gtttgagacc agactggcca 23880
acatggcgga actctgtctc cgctaaaaat acaaaaatta acagggcgtg gtgatccaca 23940
cctgtagtct cagctactca gtaggctgaa gcaggaaatg tctcaggaac ccaggaggcc 24000
aggaggagga ggttgctgtg agccatgatc gtgccactgc actccagcct gggcaacaga 24060
gtgagtcctt gtctctaaat aaataaataa ataaataaat actgtttggt atggcaagac 24120
agtattggtt ttggttcaag tgctccttgt acctgtttct gatattgtgt ccttgggcac 24180

ataagtaaac tgtctaagcc tctgtttcct tagcggtaaa ctagggatgc aggtacctgc 24240
ctcttgatga ttaaaaggat catgtgacca agtgctcagg cctgcatgag gcagtagtag 24300
gtaatcactt attaatgaa tgattagcca cctgtaattt ttaaagataa aactgtgact 24360
agatctcttt atttaacatg taagcatgta ttacattttt aaaaaataga atatttttct 24420
ggacattata agaggtgcaa aagaaaaaac agactgaatt ctttctttac tgagtactta 24480
cagcctcact ggggaatttg accttactag aataaatgtg acactctaac tacttatagg 24540
attgccatac caactattaa taccacaggt gtttgaggga ggtaaagatt gctcaatgta 24600
aatttggtta agaaagttgg agtgaggtgg gctttgagct ggtcccttaa atgttgacga 24660
tttgaattgg tgaagcaaaa gaagttagag gactaccttc ataacatggg gcttgggggg 24720
actggaacct agcttgcccta gaaaacaggt gagaacaaaag tctatgagtt ataggacctt 24780
agaagtctag agatagcaaa atgcctaaag atgttagacc accttaactcc tcatcttagt 24840
aacatgggga gggagtccag tgggtaatta aaagctcagg ctctggattc ccattctggg 24900
taggattctc atgcatctgg attaagattc caactctgtg accttataac tgtgggctat 24960
ggatcttatc aggcctctcta agcctcagtt tcttctgtaa agtgggcttt tctgtctaca 25020
ccacccttac agccttggtg catggcacac agtcacagaa acatagcaag cccttgaaat 25080
caggctttct gactttgtct gatctcctgc tttagcaaaag acatcaattc tccctccttt 25140
tattttaatg gtggctgggt ccctgacaag gtatgttccct gccacagggg tttcacattt 25200
ggcaaagctg gagagatcct caccaagcgg ctccgataca tggttttccg atccatgctc 25260
agacaggtat gtctatcgag ggctgtgccc tgggatgtgt agaactcccc atgtgtgccc 25320
cttggaactca gacagtggga gctctgtcat gtttcccagg cctagctcct atattgggtg 25380
tccctcagtc tcacgtcaga gatgcggttg aaccgcccac taggcacaga tgaggctcta 25440
ctgtctgtca ggtctgggtg ggcacaagga actggaccag tttgagacag agcctccagc 25500
gtggattcac ctccagcctg tgtctcagca gtggtgggca gtgcaggcag aaggcatctt 25560
tgatacccct cateccttte ctctctttcc ttctttctcc tggcaaacc caggcacgag 25620
tgtttcttcc caccaagaga tgccctctgt actctttctt tccgcaaata aaaactcatc 25680
cctgtgtcct gttcttcact gccattttc ttttctgagg ctagtctgaa atactagttc 25740
aagctgcagt gttactggct gataatgggt ttaatggaat gcttctcaca ttttgcagct 25800
tcaaaaccct aaccattgac acgtgtgaat gttttcctgg ggaaatgggg aaggaaatta 25860
gaggaatgta actcagagca gcctggttca aaggggaaaag ttcctttaac aatcatgaaa 25920

atattgtatg tgaccttaata actttccgtt ttaaaaatca ctaatcactt gccattgagt 25980
aaaatgatgc tttagaagtc tgccccagat gtgccagggg tactcgaacc ctggctaaga 26040
ggcatcagtt tgggtgtgta ggctttctag agggcattca cattttacca gctgtctctg 26100
gttcctcagt tcttccccat tcttcccatc accatttaga aagaaaatgt atttatggga 26160
attgctagct agtgactgac agagccagga ctgaatctaa gtgagagagc acagtttgat 26220
gggaaaccct gtccttggac tgtcaggctg aactgtattt ataagtcaga ttccacttag 26280
gtctacactg accttgctcc agggccaaat ttcccattac ccaaccagcc tccaggccaa 26340
ctgctgtgcc cattatactt tggcagctga gctgatgggt tgtggaatgt ctctccata 26400
aattgttaag tagggcaagc atttattaag tgccttctgc ttacaaggct tagtacttag 26460
tattgtaagg cattcaaacc tgaatggctc ctgtgttcaa ggaagttaca ttctgtgtg 26520
gagacacttt taaccactta agaataattga aaagcaagtt gatacatact ataataaatt 26580
atagcactat tttttcttaa atatttttgg gaaaaatgat agatacttct ttaatgtaaa 26640
taaccagttt agataacttc ttagggacca cagttatttg taaaacatat aaattcatat 26700
ttcaaattca caatcatgtt agtatctgtg tatttaaaaa tataaatggg tttaaaaga 26760
aaatcttatt ttatgttgaa tggttatatt taatctggat tacttttgct gatttgtttt 26820
tgactcaaat cacttatact gccctgagct acatttatct aactgcttat tcaacctctc 26880
tattggatgt ctaataagag tttcactgtt taacatttcc aaaatggagc ttttgactct 26940
tcccccccc accagcctta ttccttacct actcttcccc tatatcagta agcgacagct 27000
cgtttctact agttgtttgg gctaaaaacc ttgaagccat ctttgactct tctctttctg 27060
ttaacattgc aaaagcttcc taactgatct ccctacctcc atttttatcc caatcctgta 27120
gattcaccta aaaacagcca cagtcatttt tctaaaatag aaatcaaata atatccact 27180
gcccaaacc gctgaaggct gcctgtagct cacagggtaa agtctggaat cttgacagtc 27240
gcctgtaaga ccatacacta tgtggcccc actctctctc aaatctcacc tectataacc 27300
gcctttttcc aatacacctg ctactccata aacagtggct cactgcccc gagtagggga 27360
ggggaggatc agaggagcca aatcagaaca caaatctgtc cagaggaagg ggggtggcttt 27420
tacaaattca tacaaagggt ctttttaggc tgctggcagc ctttaaggct ttcttgctgg 27480
tgtatgaaca gattaggtat gcctttgcct cagggtcttt gcacatgctg tttctgcttt 27540
ccctgaggta ttctcatcct ttccttcatt caggcctctg ttcagatgct cccttagaaa 27600

ggccttctgt ttccccctccc cagtctctaa aatagcacct cccctcactt ttctgttctt 27660
cttaccctgc tcaatttttc ttttatttgt accttccatc tctagaatct aaacttcatg 27720
aaagcagcta ctttgtcttt ttgttcgta cagggtccaac acttagaaat catgcgtagg 27780
agaaagtagg cactcagaaa tttttctgac aaatgaaatg atctatttat gtgtttttat 27840
attaagtttc tttcttgtgt attgaatgtc acatcctgag tactaaatgc aggggggtata 27900
agtataaaca aaactgaccc catcgctgcc ctcttggagc tgagagtctc ataaacagct 27960
ttaaggtaat aaaatcattt tctgtgccac aggatgtgag ttggtttgat gaccctaaaa 28020
acaccactgg agcattgact accaggctcg ccaatgatgc tgctcaagtt aaaggggtac 28080
gtgcctcctt tctactggtg ttgtcttaa ttggccattt tggaccccag catgaaacta 28140
attttctcct tacgggtggt agttatcatc attaagaaaa tgttgaataa atatctaacc 28200
tacgaatata tcacatgctt ttgttagcaa catgttaact atttaaacad tatatactgt 28260
agagcatata gataacttat aaaccatttg ctattgctgt tattcatgct attaacaaga 28320
tgcatgtaga atagtatttt agaaaagaga gtataaagtg ctcaatcaac ataaaacagt 28380
aattgctact gaagaaagga tgtatttaat tgctgtaaga aagtttagag tcactatggt 28440
tacagaaggg agggaagaca atcctctaaa atatagggtg aaggaaatga aaagcacatt 28500
aaaaaattaa ggcaagaata gaataacttc agtctttatc ttttaataact ttaaacttta 28560
ataattttta taacttaaat ttgtctactg tatgaatctc ttgatataac tagatactat 28620
tgaaccagca ggttttgatt ttggctgaa gtgacaattt cttctacaac tgtttatggc 28680
aaaagtccac aaaatgatgt agaatttgaa aaaattcatg taatctctgg tgtgtctttt 28740
cccccttga accttatcca tctttatctt taaatctttt ctgtaagtta gtactatact 28800
aacatttctt ctatctaata tatggggctt ctttaagaat aaattaagct ataaatgagg 28860
aaatacatag agttataacg ttgaaatata aaccttagga gtccctcttt ttctattggt 28920
tggaatagtt tcagaaggca tagtaccagc tcctcttagt aattggtggt ttaatacaaa 28980
cttctttgcc taaagcaaac aaaacaataa aaacaagggt tagatcaagt tgtatagaat 29040
gtaattacag gtgcacgcct gtaatcccag ctactcggga ggctgaggta cgagaattac 29100
ttgaactcag gaggtggagg ttgcagagct gagattgcac cactgcactc cagcctgggt 29160
gacaaagcaa gactatgtct caaaaaaaaa aaaaatgcaa agaagacaga gtggctggaa 29220
taaagtgagt gaaaagaaga gtcataagtg tgttaaggct agcattatat ccagaagtag 29280
atggaaaacc actgtagggt tttgaacaca gaagtgcac gatctgaaat tttgaaagga 29340

tcactataga aactgtgtga ataggccgaa gggggcaagc atagaaggag tctgttgag 29400
taatccagga ggagatgata gtgtttttaga ctaatttggg tatacaaaag gctataagat 29460
ataattaatt ctggatatat tttagatgta cagccaacaa tgtgttggtt ggataagatg 29520
atggatatga gagaaagggg atttaaagat gactccaaat tcttttacct gcacagtggg 29580
aaaaaaaaatg gagttttttt tttttttttt ttttttaaag agacaggggtc tctcttttga 29640
gcccaggcca gactgcagtg gcatgattac agctcactat aacctagaac tcatgggctc 29700
aagcaatcct cccttctcag ccttcctggg agctgggacc acaggtgtgc accaccatgt 29760
cgagctaatt tttaaatttt ttgtagagac agggctctccc tatgttgccc agtctggctc 29820
tgaactcctg ggctcaagtg atcctccctg cctcagcctc ccaaagtgtt gagattacag 29880
gtgtgagctg ccatgcccag ctggagttga tctttatgaa attcagaagc ctggtggaga 29940
agcaggcttg ggggagaatg gagagtctg tatgagacat ggtaagtgtg tgacgtctgt 30000
attagacatc catatgtaga tgtcaagaag gctgaaatth gactgctaa ctttagtaaa 30060
ccttttttat aattggttta cttaaataagt tttactatgc ttctccattc attttggtcc 30120
tcacaactct atagactcct actctgtagg aggaatatac atgagacagt gagcattagt 30180
ctttggaata aaggaacagt aaccagtgc atgtgacatt gcacaatatg acacagaccc 30240
tgtggtatgg gctcatgtgc tttgatggac aaatatccc catcacattt gacgtggaag 30300
acacaatcct ggaggcaact cagtcttttg cagcagaacc cagagcagat gtattcaggg 30360
cattctgtat tgcagttttt ctctctgcct ctcaaattcc tctggtgtta tgacctgcct 30420
taggccacag tgagttccta tatttgtaaa attgggtggc actttttccc tccatagtgc 30480
tgtttgtgag gccctttgcc atattcactg tctctaattg cctgctgggg tcaaccttct 30540
gcttttcact tgtttcctca aagacacctc aaacttggtc ctgccaagat ggctgcactc 30600
accttatatg agccactcaa gcaaaactgt tttccagaac ttaaaacagt ggctaaaaag 30660
gaaagaccag ggaagaggaa atgagcaggt tggcaaacat tgtcaaccta ggaaagccca 30720
atgtagctgt tatcacagat tgactgagag aggactgttg gatctacttt acaccactag 30780
ctgacctgtt tttggctgac gggttttagt tctccctc aacctagt cttacaatga 30840
aaattttctg gctactaatc tgtgtctctc cattcttctt agtccccata tttctataga 30900
ctctactct gtagaaatag atgtaggaca gtgagtgtta atcttcagaa taaaggaata 30960
gtaatcagt taatgtctga agtgctaaat caaatgaagc cgaggggtta aatctccttg 31020

cagtttaagg tcttagactt cttagttact ctttttggtta cattaaagaa tttgccatct 31080
ttgatccatc ttattttattt ctgtggccct tctactactat ccaaagctgc acattttatat 31140
gtctgaaaag ttaaatagcc aggtaattcc tctgccatga actcacacct agaagtgatt 31200
ctaggtgata ttctaagagc ttctctcaca agcccataag tcagtagctg cagtgggaaa 31260
tgagctctga gtagaacttg tagatactga gaacaggagc aacttatatc atccctgtgc 31320
cacagccgtt ctccagcttg catcctttga ccttcaaact aaagatgtga aatgcagaga 31380
gctggccttg aaaaccattc cagtctgatt tateccaaat ttggcaaact atccctttta 31440
tataagctca atgattgcat caacaaaata tacagggtgt ctattattta tgatacctct 31500
ttcagccctg gtgcagctcc atggtatgga atttaagtga tttaaaggct actgatagtt 31560
atagcactct tttcctaaat actagtctgg tgtttatatc agacagggtg taaatgattt 31620
tgtagggatt aatgtaggga attataaagg attctattgt tactagaaag ggggtccgat 31680
gcagaccttg aaagagggtt cttggatctt gtacaagaaa gaattcaagg cgaatccaca 31740
gagtaaagtg aaagcaagt tattaagaaa gtgaaaaaat taagaatagc tacttcatag 31800
gcagaacagc agcatgggat gctcagctgc ttatacttat tgttacttct tgattacatg 31860
ctaaacaagg ggtggattat tcatgagttt cctaggaaaa ggggtgggct cttctcagaa 31920
ctgaggggtc ctcccatttt tagaccatat agggtaacgt tgccatggca tttgtaaatt 31980
gtcatggcgc tgggtgtgtct ttgagcatgc taatacatta taattagcgt ataatgagca 32040
gtgagaacaa ccagagggtca cttttgtcac catcttgatt ttggtaggat ttggctggct 32100
tctttaccac agcttgtttt atcagcaagg tcttagcgac ctgtatcttg tgctgacctc 32160
ctgtcgcac ctgtgactta gaatgcctaa cctcctggga atgtagccca gtagatctca 32220
gccttatttt acccagcccc ttttcagaaa aggcagggtc ggggccaggg caggcatttg 32280
gaatggcttg agggcacaga atatttccag ggtagaggag atgtgctgga cttaaattata 32340
gagtgatgga ctaaactgac tttgtagctt gacttttggg ttcagagttg gaaatctggg 32400
ttacagttgg acattatata gtggtggatt aaattcactt tgcagtttga cttctggctt 32460
tagagctgga actcagtga cactagtga agtcatgctt cagactccct ctggaattca 32520
aggggaagat aataatgccc gcttactatc ttaaattaaa ttccataatt ttcagctctg 32580
tattttttcc aaattaaaca ttatatctca aacagaccca gatattttg aatattatta 32640
atgacaaacg ttaggcttaa attacaaata ataataacc taacattgga aatttccatc 32700
attcctagtt tgtcagactc ctttatcttg ctaatttgca gatattgctt tagtaatgtt 32760

gccgtgatta atgaagggtt tcttgggtatt aaaagatcca aagagatagg aatatgtaat 32820
tgaactctag attgttgata ttctactttc agcattctga agtcatggaa attcttactg 32880
tagaaactca ataaacttac aagtagacct ttacttttta gttcattact gataaaataa 32940
tgaatatagt ctcatgaagg tgagttttca gaaaatagaa gcatgagttg tgaagataat 33000
atTTTTAAAA tttctctaatt ttgttttggt ttgcaggcta taggttccag gcttgctgta 33060
attaccaga ataatagcaaa tcttgggaca ggaataatta taccctcat ctatgggttg 33120
caactaacac tgttactctt agcaattgta cccatcattg caatagcagg agttgttgaa 33180
atgaaaatgt tgtctggaca agcactgaaa gataagaaag aactagaagg ttctgggaag 33240
gtgagtcaaa ctaaatatga ttgattaatt aagtagagta aagtattcta atcagtgtta 33300
ttttgttact ccctactgct tactatgctc taagaatgtg ttataacca ttctcaaag 33360
caatcttttt catgcttatt cagtaaatta gaaacttaca gaaagtagca aagccagttc 33420
ttggactcaa aaactgataa ttaactttaa cagacttttt cagttttcag gccattgtct 33480
tcacactggt ctcccttctt cccactttc ctcttctct tagttatttt ctctcttctt 33540
ttctctcact ttactctct ctccactctt tcttctctt ttctcttctt tcttcttctt 33600
cttctttctt ttctttttt ctctcttctt ctcttctctt ctttctttt tcttctttt 33660
cttctttctt ttcttctttt ctttctttt ttcttctttt cttgctttct tgccttcttg 33720
cttcttctt ttcttctttt ctttctttt ttcaagctt aaatccattt ctttattgag 33780
gaaagtaagc ccattttatt tgtacatgtg aggggggaga ttaaatatgg aaaaatgcta 33840
ggggtattta ttatatctgt tttaaattac taccactctt tctttttttt tatcatgctc 33900
ctccctcat cctatttctg tttatttta ccctttttt acttctttt tttccctgc 33960
atacttctt tttttttccc attatttaac aaatgcttat gtggcattta ctgtgtttcc 34020
aggcaaagt cttattctt atagcaacca tatggggtct attatctcat tttctagt 34080
gggctgaggc acaggcagg catggctctg gactttagag ctgataggct ttggagctgg 34140
gattcaagct cagacagttg tgctccaaag ttgtttctt ttctgttata aaacaaagag 34200
ttctctgat ggcagaatgc agtctgatat cacatgatct gtatcatagt ggaaatgaga 34260
ggtcagagca gggctgactg ccataactaa catttaggac agggatatat gtgtgatgaa 34320
cattctgaga ttcccaggag ttagggcagg gactcacaca gatcagagt gctctgggtg 34380
tcagtaggcc cagctacct accaagtga tgatgaagaa ggccccagat gttggtcatt 34440

gccactaatg ctttgtcctt tacctctctg ctatctcttc agactcttta tcccattttt 34500
gggggggtcc ctctggaaaa tcttttgggc cagctgtagt acctccccag ccagtgtctg 34560
taggggacaa acctcatgcg aggcaccta tcaggctccc ggaggcctat ttctggaggt 34620
acatcaggat ggtgctgacc cacagggttc tattgtggtc tggctcaagt aacgttggcc 34680
cctgccaggg aatacattct gtgccaatga cttcctttaa tattgtactt tgggggtctc 34740
ccccatggtg ttgactcttc ccctgagaag atggaaaaat ctaggacaaa atataaaaaa 34800
aggagaaagc attctagtta acagtgtcat ttttaaatga ggtatttgaa atgtcccaga 34860
agggagtctt agattgcttt taggaagaag atgatacaat ctgaccta gctaattcat 34920
gcaaaccaca ggtagcacc tttgaagtga cacatgagat ttaagactct tggagttctg 34980
tcagaggggc caaaggaagg ggagcagatg gaaatgaatt atgtgtggat atggcagatt 35040
ttctgagcaa aggtcaggga tgtgatacat tttctaattc aggggtggct catgagaggg 35100
acagaagtag gtagggaaag tagtggatct gcaccaacca gtccacataa tattgaaaat 35160
caacttcac ctgaacacac ttctcaagct gctatttagt acttcttata taacaagtat 35220
cattctaaca gctctaaata cttgatctaa ttaaatgctg tcaataacct tgttgaaata 35280
tcctgttg atagataatg aaaccaaga ttcagagaga tcaagtaact tgctcacagt 35340
cacacagcaa cagcctcta accaatctcc ctgcttcaac ttcttcatt cttatccaac 35400
tatagtctac attcttacag aagtcattct gacctctcat aaataaaaat ctaataatgc 35460
caacccttac ttaaaactcc caaatggctt ctgatacatc ttggaacaaa atctaattctt 35520
ttatcatgga ttaccaaact ctgtatgatc taactcctga tgaccttat ggcttatct 35580
ggcatcacag tctottatgc ctgtgtgccc tggcccagtg ggcatctctg caattcctgg 35640
aatgttttaa gctgattgcc tctgctcttc tcttggtga ctttacgtta ttcatatccc 35700
aaaattatta cctcttcaga gaggccattc ctgacacctg aattaattca tgatacttcg 35760
cagccctga tgtttcttct ctatttcttt gtttattggt taatggtgta ccatttgttt 35820
attgattaat ggtgtatgtg acattagagc ccacacttat tctgactgca tgatgtcaaa 35880
acctgctcat aacctctacc ctgcctgtga tctgtgctct gcagtttttc agcacattat 35940
tgtggactag tgagcatttt tataaaatac aggtgaccct tgaacagcac gggtttgaac 36000
tgagtgggtc cacttatatg taggtttttt tcaataaatg tattggaaaa ttttttgaag 36060
acttgaaca atttgaaaaa actcacaagc catgtagcct agaaatatca aaaaattaag 36120
aaaaagttaa gtatgttata aatgcataaa atatatgtag ttactcgtct tattatttac 36180

taccataaga tatacacaaa cctataatta aaaaaagtta aaagtgatca aattttatgc 36240
acacaaacac ttacagacca tataagtcac cattcacagt caagacacat gtcaacaact 36300
gtaaagatac agtgttacat gttttggctc tgtgtcctca tccaaatctc accttgaatg 36360
gtaataatct tcacatgtta tgggaggggc ccagtgggag gtaaataaat cctgggagtg 36420
ggtttttccc atgctattct catgatagtg aataagtctc atgagatctg atgattttat 36480
aaaggggagt tcccctgcat atgctgtctt gcctgctgcc atgtgagatg tccctctgct 36540
cttccttcat cttccgcat gattgtgagg cctccccagc tatgtggaac tgtgagtcca 36600
ttaaacctct ttcctttata aattacccaa tcttgggcat gtctttatta gcagcatgag 36660
aacagactaa tacatagtgt taaatcataa aataaaacca tagtatgtac tgtactaccc 36720
cagtaatttt gtagccactt cctgttgcta ctgcagtgag ttcaagtgtt gtacctgctt 36780
aaaatgcagt gacactaaca atctcagcag gagcagttca tctctccagt aaattgcata 36840
ttgcaataaa aagtgatctc tcatgattct tgcgtatttt aaaaatcatg tttagtgcaa 36900
taccataaac attaaataac accaggggaa ccatatcaag tgacactagt gttgctggaa 36960
gtgctcccaa caagcagaga aaagtcatga cattacagga aaaagttgaa ctgcttgata 37020
catactatag atgtgaggtc tgcagctgca gttagttgcc tgccatttca agataaatga 37080
atctagcata agaaccattg taaaagaaaa caaaacaaaa caaaaacaaa attcgtaaaa 37140
gccatcactg cagctacaac agcaggtgca aaaaccttgc actttttgta caatacattt 37200
atctcatatt gaaaatgcag ctttcacatg ggtgcaggat tgctgtgaga aaggcatacc 37260
tatagactct aatatgatta gagggaaaagc aaagtcaatt caaattaaaa gtaagattaa 37320
ggatcagagc tgggtcattt aatgccagca aaggatgggt tgataatttt agaaagatat 37380
ttggctttta aaaaatgtca agatagcagg agaaggagct tctgccaatc aagaggcagc 37440
agaaatgttc ctagatgcta ttaaaaaaaaa tcattgagaa gaaaggatat ctgcctgaaa 37500
aggtttttaa tgcagtcgaa agtgccctat tttagaaaaa aaaaatgccca caaaggactt 37560
ttattaataa ggaagagaag caagtccaag gatttatgtc agaaaggagt aggctaactc 37620
tactgttttg tataaatgca atccggttta ggatgagtc atactatag atatgctctt 37680
atgtgtaaag ctgttcatcc ctgaccttg aagggaaaag ataagcctca gctgccagta 37740
ttttggttgt acaacaagaa ggcatggaca atgagagcac tttttccgga ttggttacat 37800
tgatgctttc tttgttcttg aagtcagaaa gtacttagac agtaacggac tgccttttaa 37860

agttcttttg atattagaca atgctcctgg ccaccagaa cccatgagtt taacatcaaa 37920
ggattgaag tggctcgtt gcctcctaaa catgtctcta attcagcctt tagatgaggg 37980
ggttataaga atcttttttt ttttaataaa tttttttag acatgaggtc tctactgtgtt 38040
gcctgggctg gtctcgaact cctgagctca agcgatcctc ctgccttagt ctcccaaagt 38100
gctaggatta caggtgggag cactgtgcc tcgccactca taaggatttt taaggctcat 38160
cacaagcac atggtactct acagaaagga ttgttaatgc tatggtagag agccaccaga 38220
gagaagaaca tcatgcaagt ctgtaatcct aaaacgataa atttctgctg gagaaaactg 38280
tgtccagatg tacatgattt cacaggattt atgacagagc caatcaagga aaccacaaaa 38340
agaaatagga gatatgaaaa aaaaaaaaag gtggtgggtg aaggctttca aggtatagat 38400
tttggaagac ctcaagagca aataaacatc acaccagagg aattaacaga agatgacttg 38460
ataaagatga gtgtttccaa accactgcc aacaatgcgg aagaagatat aggagaagca 38520
gtgccagaaa actaacttta cgcaatctgg caaaagagtt tcggttattc aggactgctt 38580
ttaacttctt ttatgacatg gacccttctg tgatacaggc actgaaactg aagcaaacag 38640
tggaggaagg attggtacca tattgaaaca ttttttagaga aataaaaaag gaaaaagtca 38700
gacagagacc acaatgcatg tcagtcacac caggtgtgcc tgcctttccc gcctccctt 38760
ccacttcctc tgcctcttcc cctctgccac ccctgagaca gcaagaccaa tccctcttct 38820
tcctcttttt ccttagccta ttcaatataa agatgatgaa gataaagacc tttaatgat 38880
ccacttcgc ttaatgaata gtaaatatat tttctcttcc ttgtgatttt cttaataaca 38940
ttttcttccc tctagcttac ttattataa aaatacaaat atgtattaca tataacatac 39000
aaaatacatg ttaattgact gtttatgtta ttggtgaagac ttctggttga cagcaggcta 39060
ttagtagtta agtttctggg gagtcagaag ttatatgtga attttcaact gcacgagggg 39120
tcagtctccc taacccccat gttgtccaag gctccattgt agatgctttt ttacttttca 39180
gaaataaaag ccataaactt gtttatttga gggtaggaag agtaatgtca ggaggctatt 39240
ttttcttct agaaacatac atttttattt cttcaaaatt atttagtaca caacagtttc 39300
cgagggaac tcgatgctat ttgttcttgg attagaaatt ctctctctg atggtgatta 39360
ctgagtctcc atttaaaact cttggaataa acaaagctgt gaggatgcgg ggtgctaatt 39420
aagccttttc ctaattgctt cattgtgct caagatgaag acagtcctga agttattata 39480
ctgttttact caccactttt aggtctgtga ctcaaaactc cacttttatt cggctatata 39540
cacactaaaa agcaatgaca ttacaaaacc aatctcagac cagacactcc tgccttagaa 39600

catggtgcac agaaaatatt tcttaaaacc attacactga aatatacagt aaaatctgtt 39660
tttcagcaga cattgttata gtctgttgaa ttttcttact aatctagaaa acctgtttgt 39720
tagaattctg ataattagaa atatttcttt ttttttttgc ttgtgaaact tcagctttta 39780
ttttattttt ttatttttat tatactttaa gttttaggat acatgtacac aacgtgcagg 39840
ttagttacat atgtatacat gtgccatgtt ggtgtgctgt acccaccaac tcgtcattta 39900
acattaggta tatctcctaa tgctatccct ccccccttcc ctctaccca caacaggccc 39960
cagtgtgtga tgttcgcgtt cctgtgtcca tgtgttctca ttgttcagtt cccacctatg 40020
agtgagaaca tacggtgttt ggttttttgt ccttgcgata gtttgctgag aatgatgggt 40080
ctaattgtgc tgacaaaagg attgtctttg ggaatttgaa ggtgaatttt ttctcctcac 40140
cttttgcttt ctgcactttt acgattttct aaagtgacta tatatcattt ttataatgtg 40200
taaaagaagt ttatacaata ttttaaaata aacctgccat tttcctaatt ttctaagtat 40260
cttgtggtaa acataattca atcttcttgg cctgtcagtg taagaataat attttaaatt 40320
ttatttttaa ataagttttt gtttctaaga atgttactaa tttttttttt tacttctgat 40380
agattttgat attagtcttc aaaactgact taatgtctta tgaaatgctt gctgttatgt 40440
ttgaagttag gtaatttatg taagattcag tgaagaataa gtggaattcc atgtttatga 40500
ttttaagcta taaaacactc taaattaaat gtgtctttat tagaatctgt tctgaccagt 40560
gcagaggcca aagagaggaa gaacatctta aacaataaag agtcatttct cttggtgact 40620
tataattctg gaagttattt ctcttaaaat catagcatta aaagggactt tagagaccct 40680
ctagtccatc gtcctcattt tgcaaatgag gaaaatgaga cagcatgttg gttcaagggtg 40740
gtgcggtga tgtaggctga aatctcatct tgtacactgg tgttctttgc tttttccata 40800
tccctttact cagactccag aggtgatgaa ggatgtatgt ttcctaataca gattgccttg 40860
ttggaagtaa catttgatta caacataatt gaatgatgga aactttcttt ttaagatgga 40920
gtctcactct gttgcccagg ctagagtgca gtgacgccat cttgactcac tgcaatctct 40980
gtctcgccag ttcgagcgct tcctctgcct cccagtagca tgggattaag gcatgtgcca 41040
ccatgccag ctaatttttg tatttttagt agagatgggg tttcaccatg ttgatgggtg 41100
ctggtctcaa actccttact tcaaatgatc cacctgcctc catctcccaa actgctggga 41160
ttacaggcat gagccaccat acccagcca aaactttctg gaaaacagat tgatagtatg 41220
tgccacattc cttaaaaaat taaaaaaatt aattcaagcc aggtgtagtg ccatgtgctt 41280

gtagtcttag ctacttgga gactgaggca ggaggattgc ttaccaggt gtgtgaggct 41340
gcagtgaagt atgatgatca cacctgtgaa ttgccactgc actgcagcct gggcaacaga 41400
gcaagacccc gtttctaaaa aaaaaagtta gttttctttg acttattaat ttcaccttaa 41460
gaaattttcc taataaacca attcaatatg gacaaatggt taggtacaaa gatgtttatc 41520
tcaccactat ttttaataaa aaaggaattg aaaacctggc tcaacaataa aggaataactt 41580
aattgggtat gatattaaag gactcattac acatctcatt attaattgtgt atttaatgaa 41640
cttggaagt gcttttgata tgaaggtaaa aataatgata tagagctaaa tatagagttt 41700
cattccaatc tttttaataa tatttatgca cttaggaaaa aaacaatatg gaaatgtgta 41760
aaatataactt tttttttaa aaaaaggaca catttattca gcattatgat cagactatta 41820
catttaacaa tcaacagtat gggtgccaaa aaaaatctac attaaaacc tttgttgtaa 41880
tgctttacac tttccacaga acagaaacta aaagaatctg ttacacaatt agtcacaaat 41940
atagtctctg agttttttac ccatacacat gagtatttgt ctaaaacatg tcttcttgta 42000
gcacttaggc cctgccacca ctgtgcttgt ctgagttcac aaatctgttg taaactgtag 42060
cttcctctgc acttctctgg ctcttatctc ctgctaagat ttgtttcctg gcagtaattt 42120
aaaatcttct gccactgctg tagctactgc tgctactgga actgccatag ccaccttgg 42180
ttcatgggtt ggcaaagtac tggcctgtac cagcataggg gccagagctt ctgcctccaa 42240
agtttctctc ctcatgggt ccaaaatgta aaactaattg ttgtaattgc caaaatcatt 42300
acaccacctc caaaattgct tccatgatta ccaaatccat tatagccatc cccactgcca 42360
ctatatccac caccaccaca gctgccacca aagccacaat gaccactgaa gtttctcca 42420
cgaccaaagt tgtcattccc accgaaacta cctccacgac caccacaaa gttcccagag 42480
ctgctttgcc tctttggctg gatgaagcac tcaccatctc ttgctttgac agggctttcc 42540
taacttcaca agtgtggcca ttcacagtat gggatattct cagtgcagct cttacctatg 42600
gagtcatggt cgtcaaaagt tactaaagca aagccccctt tcttatcact gccttgggtca 42660
gtcatgattt caatcacttc aatttttcca tactattcaa aataatctcc taggtgatgt 42720
tcttcagtgt ctttaatgcc accaacaat atctttttca cagttgggtg ggcactctgt 42780
ctttgagaat cttctcttga gacagctctc tttgggtcca caactcttcc atccacttg 42840
tatggccttg cattcatggc tgcattccac tctccacag tggcatatgt gacaaacca 42900
aagtccttg agcgcttgg atttggatct ctcatocca cgcaatccat gagcattccc 42960
cattgctcaa aatggctcct caggtctca ttggtcaacc aatgtagagc tcaacctcca 43020

atgaagaatt tcctcagctg tttgggctca ttaggagact ctgacttaga catgacggca 43080
ggggaaagag agactttaag gatgcttcct tgggtggcgc caccgggcaga aaggggtaag 43140
cgtccacagg cagagaggag taagcctttg aatgtatcta aaatttactt tttattgcct 43200
gcattctttc actattttcc aaacattctt caattgtcac aaatggcaat gataaagaga 43260
aaaatataaa catcacattt taaaaataag tgtaaaataa ctgtgaactt aaaatgtgat 43320
catcatagaa gaaagagcac tgcaatagaa gtactgtgag ttctctgggt aattttgcga 43380
agccacgtaa agctgtgtgg ctttaagcaa tgccataatc catttaagtc ttagcttcta 43440
tttctgcaaa ggagaagttt gaattagtca atcttccttc cagatccata actcagtttg 43500
ataaattact tagtatcttt ttctacagag aaaatgctca tacataataa taaatatgta 43560
atcataaaat tattttcatt agtctgtttt atagaattca aattaatcac cactatttac 43620
tcttgtgcct cttggtgatc ggtgctgtct gttacagatc gctactgaag caatagaaaa 43680
cttccgaacc gttgtttctt tgactcagga gcagaagttt gaacatatgt atgtcagag 43740
tttgaggtta ccatacaggt aataaccgct gaagagtggg aggagagtgt gaataatttt 43800
tcaatcatca tatttgtttt cagagggatt actttggcta gaaggtaggg agcaagtgga 43860
gaaagtgtc gaaggtaaac cattgagaaa cagttgtaat tatgcaggag agaaagtaca 43920
agacctgaa ctaaggcagg gacatctctg aggtagaacc tgtaagaatg ggtcactgat 43980
gagaagggag ggagacatga tgctgagaat gactatctga tgtccaggta ggatagacc 44040
ctataatttg ctctagttga aaatgagtta tttatggaac ctgaaatttg aggtacctgt 44100
gggacacaga gaggatggtg cttcctgggt ttacctgtct ttctgctttt tacccttct 44160
ccagtgcaga ccttcttcct ttaatacagt catcccagtg agggctctaa taagtgtgt 44220
gaacataagc aagcccaacc tttctgagtc tgtttcttat aataaaagga aagctggact 44280
ttattgatgg atttttaagc ttttatttaa aaaaaatgat ggtagagcct ttttgtctaa 44340
aaaaaaatta tttgaaatct tcatatgtga tgaaggtaaa agcagagttg atctggtagc 44400
aggagggggt ggaagcccag ggctgccac ttgctaacct gccccaccc acacctccat 44460
atcactgagc tggatccata tcatgattct agaatgtcaa ccccttttta aagccttctc 44520
tgagaccccc gaagaattta gtgttctctc tttcttccta taacagatta ttcataaggc 44580
acctctaagc cataaatagt aattcaactc aagtcaggtc tcctaagtca agaacatgcc 44640
tgtttcctct atgtcaaccc atcatggccc ctgcaccttg taggtgttgg gtaactgtgt 44700

gcagaatgaa tattttacgta gagtacttcc atactgtgtg tccaaaagtg gggagaaagg 44760
gagataactt ttactttattg atccctaacc ggctctttac agtcattgga ttattttctc 44820
tttacatcaa cactttgagg tgtagttaat tctacattaa agataaagac actgagtctc 44880
agaggttagg cagtttccca aatttgcaca actgttaagt gtaaagtgag gaccaaactt 44940
agttcttttg aaacgaaacc cttttttgtt ggtcatgcct ctgtgcccta ctgccaacct 45000
atcaaaagtt acattttaag gactgagaaa tgaaagtgga atgagttttc aaatgtcttc 45060
ttttcagaaa ctctttgagg aaagcacaca tctttggaat tacattttcc ttcacccagg 45120
caatgatgta tttttcctat gctggatgtt tccggtttg agcctacttg gtggcacata 45180
aactcatgag ctttgaggat gttctgttgt aagtattggg ctattattta gttaagctct 45240
aaaaataaag ctgggatgaa catgcttcac gtctagatag gaaaccctac tgtgaagcct 45300
catgaagaga ttctgggat tcttaaactc gcatttctgc ctctgagtct tcatgtgcca 45360
ccattgaagc accccctttc atttgaggga gcagtaactt ctttcctcat tgctggctca 45420
cacatagttg accttttcaa atctgtgact gagtggagtg attccattcg gagattttga 45480
gaaggccttg gcatttgga agaagcctag ccctgagcaa ggagtctgac tggctccttt 45540
taaaggactt tcttacagag caagtaaaat acagatgtgt tgtactaagt tctgcaagcc 45600
tttggaatt ccaggatatg ttactttcc cttgataaga gaggaattgg aaggtaagag 45660
ccaaatgaat tcagaaatga caaaggaaaa gttatattgg gatttttctg ctacattgtt 45720
ctgaatgtag ataattgtac ctcggtcaga ggaagataag cctgaagcaa ttatactaca 45780
aaagtacca aatatgcaat ttggtggtca aaagtatgtg taatctttct gagcttctag 45840
atttgagggt gggtaagatt ctgcctcttg atagcataac ataattagta gcgatataat 45900
tttatattta aaccagaatc atataagcct ggcagtataa tgtgttagta tagtatttct 45960
gtccttttta aacattgagt tgttcatgca ttacagtttg ctcaggatga cccccaaaaa 46020
gacatctaaa tttccattaa agatgtacat tggacaaatg atatgcaggt gctatttgtg 46080
attatggcct agagatcaaa accaagtatc actggcattg gggctttgat tagataatta 46140
tttgatatat tgctttactc caaaaaattg aattgatgaa agttgctgac attggggcat 46200
ttaggtttgc aaaatcaacc ttccaagtta aggaaaagga agacctgtct gaagaacagt 46260
gcattagaaa aagggtcccat aggttttaaat gatcacaagt ccaagattaa ctatcggtat 46320
tttatttagt gctagttaaa caaacaacaa aacaaaaact aatgacacaa tatgctacac 46380
aaacataggc atagagtcca gaggaagaa agcgatgaat tccctgtatt ctgggcgggt 46440

tcccaagtat tatgtctgtt ccaggcttgt gtttaaaaaa agcatattaa taaatgtgtc 46500
tagagaaggg cagtgaagg agttatcaaa gaagcaaagg agtttttagc aatatttcaa 46560
gacttgtagg cctgtcttat gtaaaaggaa gtaaattttt tcttcagttt gaaaaagaac 46620
tgtttaacaa tagacaatca aacatgctac ttcctaaaac agaggatgga agccaattta 46680
ggggagggtgt ccaggcacga acatggagag ctggacttga tacctgtaag gtccttccca 46740
actttaagtt gctgtgatc ccatgtcata gataagaacg tcaatgcac ttaagagcaa 46800
catgatattt ggctctgtaa gaaactttct tttggttgca caattcatag gtttttaaga 46860
atctgatgta attccaacat cactgactgt atccgttgtt gattaccaca ataatgctgt 46920
gtaacaacca gccactaaac ctgagagaca tacatatattt tgcccacaaa cctatgggtt 46980
agctgtgaag ttctactgat ctggattagg catagtggat ctgggctgga cttactcatg 47040
tgtctgtagt ggatttgttc tgtagctggc tgggtgggat tcagacagct ctctccatg 47100
tgtgcctcat cctccagcag gctatcctgg gtttgagaca gtggcagaat tctgagagag 47160
agagagagaa agagagagag aacacatgca tgcagtctca caaagcatat aaggccccct 47220
gagtcatagg cttggaactg gcaaaagtga tttccaccat atcctgttgg ccaaagcaag 47280
tcacaaggcc agcccagatt caaagggtgc tgcaaaggc acagtgcaag aagatgagga 47340
tacagagaga ggtatacaga gggaaaaaaaa tgggccattt tgcaatcaat ctatcacata 47400
gacatgaact tataaggaaa tgtgtttgtt ttatttttaa catctgtttt ataactatta 47460
gaggcaaagc tctctggtta tagaagtgtc aacttttggc caggcatggg ggctcacacc 47520
tataatcccg gcacttttgg aggtgaagc aggaggttca cttcagcccc gtagttcgag 47580
accagcctgg gcaatatagg gagaccccca tctctacaaa aaataaaaca attagctggg 47640
gtggtcatgc acagttgtag tcccagctac tacagaggct gaggtgggaa gatcgcttaa 47700
gccctggaga tcatatcttt agtgagctct gattgcacta ctgcactcca gcctgggcaa 47760
cacaggaaga cccacactca aaaaaaaaaa aaaaaaaaaa aaggagtgtc agctttctag 47820
cattgtgatg gtaatgctgt gcacatgtt tgtgtttgtg ctttccagag tattttcagc 47880
tgttgtcttt ggtgccatgg ccgtggggca agtcagttca tttgtcctg actatgccaa 47940
agccaaaata tcagcagccc acatcatcat gatcattgaa aaaaccctt tgattgacag 48000
ctacagcacg gaaggcctaa tgccggtgag tttgatgtt caactgtttg atctactcct 48060
gactcctgaa tgaaagtatt ttaagtggaa acttaataaa atttgtactt tcaaatatgc 48120

tgatgataaa ataaaacttc ctagatcata gattcctttc aattactgct aataatatac 48180
atcaacattc agtactttta cgtagcaaag gttataggga aataggaata ctgctcactt 48240
tataagcaaa acctattaat cagatttttt aaaaacaatt tttttttaga gacagagtct 48300
tactctgtca tccaggctgg agtgcagcag tatgatcata gctcactgca gccttgatct 48360
tctgggctca agcgatcctc ctgcctcagc ctcccaagta actgggacta caagcgtgtg 48420
ccatcatgcc cagctaattt tttaattatt tgtagagaca gggctctcgtt atgttgccca 48480
ggctggttat cagattttat tgtatgtaag ttactgtatt cctgaggaac agatttgagt 48540
tattgtagct gtattgcata ttcattattgt cttacaata catgctatga aagcttttac 48600
tcttttagat ctcatattt aaattctagc agtctgaggt caagcacagt ggctcatgcc 48660
tgtaatccca gcactttggg aggccaaagg ggggtggatca cgtgagggtca ggagtctgag 48720
accagcttgg ccaatatggg gaaactccat ctcaaataaa aataaaaaaa aaaagattag 48780
ctgggtgtgg tggcacacgc ctgtaatccc agctacttgg gaggctgagg tacgagaatt 48840
gcttgaacct ggggggtgga ggttgacagt agctgagatc atgccactgc actccagcct 48900
gggtgacaga gtgagactct gtctcaaaaa aataaaaaat aaataaataa taaaattaaa 48960
ataaaataaa ttctagcagt ttgaagtga gccaatgtga acacaaatta attatcttct 49020
gacacctggg aatcgagaga gttagctata cactttattt tcagtattgc agcattcaaa 49080
tttactgtta ttcttctcat tgcagaacac attggaagga aatgtcacat ttggtgaagt 49140
tgtattcaac tatcccacc gaccggacat cccagtgcct cagggactga gcctggaggt 49200
gaagaagggc cagacgctgg ctctggtggg cagcagtggc tgtgggaaga gcacagtggg 49260
ccagctcctg gagcgggtct acgaccctt ggaggggaaa gtggtgagca cactttcaca 49320
tttagctcag ttcaggtttt catcatccaa atgtctgaat gtatttaatt ctcaactata 49380
agccatgttt tttcaaacct ttaaacaaca gtcccacttg gataaagtct gagagcctaa 49440
atatggtctc caagtgggtg catctgtccc agccaacttc tccaggctcc cctcaacact 49500
accctctac cctcctttgc aagcaccctt tgtaccacct gtctcccttg ctgtacttag 49560
gtttcagctg acttgaaaag aaccaacaaa aatggaagta gccagaaaga tacaggacag 49620
gtgctaggag tgagatgaaa gccaaaggat gagactgttt caaagatggg ggtcagcaat 49680
gacagatggg atagagagat tgggtaagga ggagactgag aagacatgat agaacttagc 49740
aatgaatggg ctatttctga cattttaaaa tattcttagt gaagtagtga tggtaggaaa 49800
cagttaaggg tggctgaagt atgattaggg gaagaaatgg agatgtaagt gagcatagat 49860

tatcaagaag atggaaagta aaagaaaggc aaataaggac agcacttgag tggggaggca 49920
gagtccaggg aaaatgttta ggggttgaac tcttgagcat ttttatgact ggggatgaga 49980
caaaatcatt gatggagaga gggcattgaa acatcatctg aggaaaaaaa agtagaatca 50040
acaaatattg gaaatgtaaa aagaacatgg aagtatgccc ttttgtctta gttgctgggg 50100
atgaggggaag tgtctggcag ggagtagtga gtttaaacga ctatgatggg ggataggaaa 50160
gaagacaaac taggaaggaa tagaattaag agcaagacat tttcattatg taggcatgta 50220
attagttgta ctgagaagtg atatttaaaa ttcttaacaa tgggaacagc atggacactg 50280
accaatcaga atggatgcct gctagtacaa gtcagatgga tgcccacccg ctgtgtatgg 50340
acgctggtag catttaatga ctcaaataaa aagagagttt tcaatcttta gtctaggact 50400
ctttttactt cctcacagcg gtcactctta ctcataaatg tttgttattg tattcaaaga 50460
cagttatgcc tttattcagt ttactcttaa atcattacaa gcttggtccc tacttttact 50520
ctcttgcttt atattttctg tgaactctga ttgtgtcctt caattttgtg gtgaacttaa 50580
aaacaggact ctaaataaag acgtcgctga cagccaaagc aattagagga ggaaatgtta 50640
gctctcagac actgattatg gccctcaaca gacagttatt aagtgggtgtg ttaaagattg 50700
tgctataatg aattgtaggg catgatatct gccctcaaact actttaactg aggagatggg 50760
gcatatagtt ttgtgagtta aaggagatag gcctagagct agttcttaag agataaggat 50820
ttgcatatgg gtgaacagta gggatgacat tcaatgtaag agaaaataca agctgcgac 50880
agtgatttgt tcccaatgca gcaaatagga cactttggct gaaatgggag tttagtttga 50940
gtagtgggtc tcaaacttct ctgatgagaa ctcatgtagg aaagatttaa agatgtcacc 51000
atccactaat gtactcatag tcactttcca gtgggaaaaa cacttgggtga taacaaaatg 51060
ttggagttga aaacaacaat acaatacagc acaataatga tacaataagg aataattaat 51120
gattattctg caagtatata aacacaagca gaacataata aaacatggac agcatcagtt 51180
acagttcaga gtaggaaaca gaaactgccc taggtatttc aagtagataa gtatttaata 51240
aagggaatta catgcttaca aaatctttgg aagggtctga agagtgaag gaggtatatt 51300
gctcccagac ttccaaatca cagcactgca gctgtgattc tgtaaccaag aagctgcaga 51360
aaattatgcc gatatcacag ctgttccaaa tttaaagaca cgagactaga atctggctgt 51420
tgcagaaatt cttgtctgcc aaagatgagt taagccgtta gcttaccaca gctgtgaag 51480
gagagctggg gtctacctcc cagattttac actgtgcac tccctcgtag accctgactt 51540

acttccagaa ccaagggaaa ctgggaaata gtttttagcc ttctagtccc ttgatgtata 51600
aaaggtcaga cacagaagta tatgaaaatg aatgctgagt gcataggaca gtaagcatcc 51660
caagacatta ttgataatgc actgaaaaca aagtgtcctc atttattgca ggaatatcca 51720
ttatcttctc ctgtgcattt gcactagggc ttggaaatac tgccagatgg tgcactgcag 51780
ccagacttct cagcagaaaag tgtccacaat aaactctagt aaatgtacaa agttttgttt 51840
atggacatca atgagtagcc ctgaataact cagtggatta ctactaatta gtttttattg 51900
ccatgtaaaa atgagtcctgt ggatttgagc ataagaatta aagaaaggat tggaccctaa 51960
ggacccctg aagtcaggaa attctcgtga ccatcagtgg accttgaatc ccatgttgaa 52020
aaacattgac ctgaaatggt ggttctaaag cttcggtgaa tattagaatg gcctcaagag 52080
ctagtaaaaa acacagccgg cctggattat tcaagtaggc tagggtttgg ctttttattt 52140
ttataatatt ccgaggtgat tctgatgcca accatcatc gagagccact gaactggtaa 52200
at ttgaagaa agatttaggt taaattgtgg agagtcttga ataattaagc tatgaaattg 52260
tgaagatggg aggatcctcc aagttttgag ggacctgaag gttatacaat tgtagggatt 52320
caacttaag taaaaaaaaa aaattttttt ttaatgcaa aattagatac aaagtggtat 52380
atttacttca aatgaaaaaa aatcataac caaatactgg aagcttaag attctggtcc 52440
cttttcattt ttaggtaatt tatcatcaat acttacaggg aagagcttcc tgactacagc 52500
cttgctccc tcccaccag aaaactgttc gacttcccag aatttacatg taattgaggg 52560
ctcttgaagc ttaaccttca tcagtgtcac tgttaaatca cccctgcttt gagtcttccc 52620
cttaccttcc ctttctcccc tttccagtct ctcccatata caacagtcag aaccccttt 52680
gggatacaat tagaagctgc ttgtcattgt ctggttataa cccaagaagt gcctgagcca 52740
agatgggggc attccccttt caagggggga cacaaaatat ctttcagttg tgaggтата 52800
gtgttacc aaaccaacct agagtgttta gatccagtct tggttttccc ccaattacta 52860
attgtgtgac cttgtataag ttacttaact ttgctcattt ccttatcagt aaaatgggaa 52920
ttaacatcac agtgacctta taagtgttgc tatgaagggt aaacaagaga ctgtatgaga 52980
catgcttacc acagaacct caacgttgtc agtgcttgat ttttaaaat caattattat 53040
ttcacagtaa atatgcatag aagaatacac atttaacatt tacatttttg cgctaatgaa 53100
agcaagcaat agacttaaca gtctacaata gagatagcca atcattttta tctggccttt 53160
cattatttct taccaatagg ttactttcc tagttatatt tttatttagg ccaggatttt 53220
ttgagcactt ctcatagatt cccagagtt ccttggctct tctcagacc aacaccattc 53280

ctcagccaaa gaagctctgc ttctttgatc tgttttacat tctaggcatc taaacttggt 53340
ttacttaaag aaagaattct tcagtcaaca caggttttaa atagtttgca attctagggt 53400
attatgcggg gacgaggagg cccaagagtg tattcagtgt aatgaagaaa ctcattataa 53460
cttgctgaga tcattcagat ttgcctgtga ttatattagt taggcagtgt ctgttttctt 53520
cccaggggta taaacctgga aaattacaac aaaaacaaaa gcaaaaacca aactcctcct 53580
ttccttaaatt ttccacttct caagtacagt gttttatcta acaagatctg ctgcttagcc 53640
acatccttgt ttggctttca ctgtctctct ccacctcta ctttccacct tcatttatta 53700
acattgtaag gaagcctgga gcatacatgt gtggaatagt ctccatggca actcagcttg 53760
gaactaataa ggttatggga gagcttccat ccctgcacct gccagtgtca caagcagaag 53820
ccatgttctt gtagcaaaga ttgtactcta ctgctaggca gctgtccctt tgagccaccc 53880
agccaggcac atgggataca gagagtatat ggctcagcac gcactagtca ctactattag 53940
aaaagctcaa agctgagtca ctggtgcctt cttcagaagg gatgaacagc tctctcactt 54000
gaatgccaga aaattatctt gcaaagcaga cctatctgat agacatattt gcacagagt 54060
agggcttggt atcagcaagg ctgtaagggt cctccccag tcttctgcag gataatccag 54120
ggagccagat tatagagaaa gggcagccct ctgttctctac tcactctggct cagtattgag 54180
gatctccatt caccctttcc taccctgtt cacctatcca tccctgtag ttctgacct 54240
gcaaagctat tatgtgggtca tagttgttat ttatttccat gctaatacctg ggcactgttt 54300
ctctgaaaaa tggagattta agaataaggc tgtcaggata catctcagaa gtattaggcg 54360
ttgtattagt gtggctgcta taaccacttg ccacaaattc agtggcttaa aacaacacca 54420
atztatgact ttacacttct ggaggtcaga agtctaaaat aggtctcagt gggctcatat 54480
caagtgtcag gagggctgtg ttcttcttag aggtccaaa ggatgatctg ttttcttgct 54540
tgtggccctt tctccattt tcaaaaccag cagtggctgg ttgagtctt ctcacactgc 54600
atztatgctat actcttctcc ctcttcttc ttcatgtaag agcccttatg attacattag 54660
tttcaccaag ataattcagg ataatttat ttacagtca gctgattagc aaccttacat 54720
ctactacttt agtttctttt tgccatgtaa cataacacat tcacaggatc cagggattag 54780
gacacagatg tcttgtggga gagggaacat tattctgcct accacatgca tacatcagaa 54840
accatgggtg aaacacagga aacatgacag ttctcaagg catacaatta tgaccttggt 54900
gggttaacct tcaatatcca aattttaatc acacaaactt ttccttaatc tcacagtaac 54960

ttggcagttt cagtgtgaaga aataatgatg ttaattgtgc tacattcaaa gtgtgctggt 55020
cctgaagttg atctgtgaac tcttgttttc agctgcttga tggcaaagaa ataaagcgac 55080
tgaatgttca gtggctccga gcacacctgg gcatcgtgtc ccaggagccc atcctgtttg 55140
actgcagcat tgctgagaac attgcctatg gagacaacag ccgggtggtg tcacaggaag 55200
agattgtgag ggcagcaaag gaggccaaca tacatgcctt catcgagtca ctgcctaattg 55260
taagtctctc ttcaaataaa cagcctggga gcatgtggca gcctctctgg cctatagttt 55320
gatttataag gggctggtct cccagaagtg aagagaaatt agcaaccaa tcacaccctt 55380
acctgtatac aagcatctgg ccacacttcc tgtttgggtt agttgttacc tttacctgat 55440
cacctgaccc tccttgtaga gaagggatga aagtgttcca ccacttcagg tttaggagag 55500
aggaacattt ctgggatagg agaactggaa caattgtctt gatccaaagc tataggcttg 55560
aggctccacc tttgtcagcc ttaggggtaa gtacaatatc tggaaagcct ttcactttaa 55620
gtccaagtac agagtctggg tccccacctg cacatgctgc ttctggcctg ctgaggaagt 55680
aggcatgact gtctctcccc atgtctctcc cctatttctc ttccttcttc ctcttgcag 55740
ctctctccca agcctcaaaa ctactgtgg agtcagtcca gtccagaggg ctgaacccat 55800
gccagaaaga gtgctctctc tgaataaggg ttgaaccatt aaagtgacca tggatatcatg 55860
taatctctca tcgtcataca tttcatgggc cccaaacttt gtttacagtg aatgggtgaa 55920
atcttttcta gggctccctg ggctgtggtc ctatgggtgt cctctgaatt cctcctagga 55980
agttggataa atggaacctc tcatectctc tcaagccctc ttaggtcctg tgtattagtt 56040
tttggtttt gttttgtttt ggaatacaag ttgactattc cttgtccaaa atacttggga 56100
ccagaagtgt tttggatttt ggaatatatt catatacata attcacttat atttcatgta 56160
taccttatac acatagccag aaggcaattt tatacaaatt ttaataact ttgagcatga 56220
aaciaagttt tgactgtgtt ttgactgtga cctgtcacat gagatcatgt gtgaaatttt 56280
ccacttgtgg catcatgttg gtgtcaaaa agtttcagaa tttcagattt tgaatttttt 56340
ggattatgga tgctcaacct gtattaaaag tccaaaatta gattttttcc aacctttatt 56400
ttagacttag ggggtacatg tacaggttta ttatacctgg gtatattgca tgatgctgag 56460
gtttcagggg acaaatgatc ctgtcaccta ggtactgagc acagaacca ataggtagtt 56520
tttcaacact taccctctt ccctccctac actaatagtc ctgagtttct attgttgcca 56580
cttttcatct atgagtacct gatgttttagc tgccacttat aagtgagaac atgcagtatt 56640
tggtttctg ttcctgcatt actttgcttg ggataatggc ctccagctgc atccatgttg 56700

ctgcaaaagt taggtcctat attttgaagt gcttctcaac ctaggtaatc tacctcaccc 56760
attatcacca gttatgctct ttattctaag gaagtgcccc ctaaaacaaa gctcaggagc 56820
ctcaaccggg cggggaagac agtttcctca cgaggcaggc aagcaacacc aggtggctct 56880
ctttcccaag attcccttct tccataggct cttctttgga taactgctga caccaatctc 56940
attaagtccc agggagggtg ccttgtctcc cactctcctt tcacagtcta gcccaactag 57000
ataattgacc cttctccagg ctcaaacatt taaaacagaa agctccaatc ccctttactg 57060
atgagaggat agtggttctc aagtatagac acggatcagc atcacctggg aacctgttag 57120
gactgcagat ccagcaatcc acgttttaag agcccaggta atactgttgc aggtcctaat 57180
tggggaacca ctgggctagg ggttaataaa acacaaacac agagagtaac tattatctat 57240
ctttttaaat atactttgcc tctctggcat ttgtctacca caggacaaat cctggctctc 57300
aatctgtcac acagaacaca cctgtagaca ccataattct ctctctcagt gtctagacca 57360
ggagagaaaa ggtaaaaccc ctaagtccta ttacctaagg atccacttct cctaagtgat 57420
taatactagg atttacctca ccctgtaggt ggctggttta gctacctct tgtaagactg 57480
ccgcactgcc tttatctgcc tcaacaggat cagtactata tcaagagtgc aactagtaaa 57540
ccctccactc acatgagata cacttcagtg ctctgcctt ctgagacagc cacagctctg 57600
gggtagagcc agtcccaagc atctgccaaa acctcatctg gcgtcttctc cctctattta 57660
cagggggaaa ccagggtg agtgccacaa aactaggggt gccagatata gcaaataaaa 57720
ataggcaacc ctgtactaaa atttcagcct ggaaataata agatagtatt gttttctagg 57780
ttacaagtgc agtcacatcc tgtttctgct ctctcctgag taacctttaa ctgctgtccc 57840
tatcatcata gtgaatagtt ggtgacaatt atccattgtg ggaaacaaca cggaagaat 57900
tttgggagca ctctaacaac aaaaatgttt aaaaaggaga tgttcatttt caaagttaga 57960
tatcaaatg gaatccattt tgatagcatc cattaaaatt gttaagtgt tggagatact 58020
ttcataaaaa cagacactaa aaggctgata tcccaagaat gtctttcctc aatttaaaat 58080
catgcagaga gtgtcacctg ctggttacaa gtaagatgag cttcaattat tttattatga 58140
atactttgtt caaatcaaat ttcttttctc ctgccaatct ttgtcccaa tataatgaaa 58200
tcagaagatg gaagatacta acattgcaac aatattcttc ttcatataaa tgcgtgacctg 58260
tttactacta aacatatcat cttaaggccc aaacatttat tttcaaatag atagtaaacc 58320
tgccattttg ggctttttta ctgttcttct ctttaattatt catgaacct tcttagcttc 58380

tgaacctaaa tttttggagt atatagaatc gtctatccta ctttctataa gcaagctgtt 58440
agaactttac tttcagttct actttcataa caacaaaacc ttatttacag aaatatagca 58500
ctaaagtagg agacaaagga actcagctct ctggtggcca gaaacaacgc attgccatag 58560
ctcgtgcctt tgtagacag cctcatatct tgcttttggg tgaagccacg tcagctctgg 58620
atacagaaag tgaaaaggta agaatttaaa ttgggttcat ccatacttga atcagtcctc 58680
cttaaaaatg ctgtattctc catagtaaag aacaaaatgc agccagatta ttgacagtta 58740
cttacatcac ctttcagtaa aatgtaaaca ctttctgtag ctgttattca ggagagtaaa 58800
gatgacacaa ggcagattag tcttagagca catatgcttc acaaaccatc actagatcag 58860
tttgcggtga cctaagaagc tgctttcagg aaccatattt cctacttcta ctggcagcat 58920
ctcttcagca accataagga aaagtggtag tgtaagacag tgttaaaatc tggctgtacc 58980
ttttaagata aatattagca atcatttcta gtcagagaaa acgttaaaaa ttcagattat 59040
ctgaaagacg aactcagtat gaggtattct ctacaataaa aaaattcggg agtctgtatt 59100
tggcctttgc tcaggcttct tgaatttact gtgagctgga tttgaggtct gttttcaagg 59160
atgttgtaac atccttgaaa ctaaggtaaa cacattagta aatgttttta aatgagtcag 59220
tgaactgtat ttactgcctt aactttaaga gtagatgact gctggccggc acctactgcc 59280
gtggctcaca cctgtaaccc caacactttg gaaggctgag gtgggaggat cacttgagcc 59340
caggattttt gagaccagcc tgggtaacac agagagacat tgtctctaca aaaaataaaa 59400
taattagcta ggcattggtg tgggaacttg tagtcccagc tactcagaag gctgaggtgg 59460
aagaatcgct tgagcccagg aggttgaggc tgcagtaagc catgattgta ccactacact 59520
ccaccctggg gacagagtga ggccctgtt caaataaaaa aaaaaagtta gggatagata 59580
actgctgcct cggaactaac ccaaattagg gttcagtcac ctgatatgac aaatcctttg 59640
ttttcaaaa cctgttctat ttactgaca ccttggttaag aaggatctat tgttgatttg 59700
ttgtggagct tttttttttt tttttctttg agatggagtc tcgctctgtc gccagggctg 59760
gagtgcagtg gcgcaatctt ggctccctgc aagctctgcc tcccgggttc acaccattct 59820
cctgcctcag cctcccagct agctgggact acaggcacc accaccaagc ccagctaatt 59880
ttttgtattt ttgatagaga tggggtttca ccgtgttagc caggatggtc tcaatctgac 59940
cttgtgatct gccgccttg gcctcccaa gtgctgggat tacaggcgtg agccaccatg 60000
cccgtcctac tgtggagctt tttatggaag aggaattagg gaaaagaact attatgagaa 60060
ttaatctatg tgattatgga ataggttgct caagaagccc tggacaaagc cagagaaggc 60120

cgcacctgca ttgtgattgc tcaccgcctg tccaccatcc agaatgcaga cttaatagtg 60180
gtgttttcaga atggcagagt caaggagcat ggcacgcac agcagctgct ggcacagaaa 60240
ggcatctatt tttcaatggt cagtgtccag gctggaacaa agcgccagtg aactctgact 60300
gtatgagatg ttaaatactt tttaatattt gtttagatat gacatttatt caaagttaaa 60360
agcaaacact tacagaatta tgaagaggta tctgtttaac atttcctcag tcaagttcag 60420
agtcttcaga gacttcgtaa ttaaaggaac agagtgagag acatcatcaa gtggagagaa 60480
atcatagttt aaactgcatt ataaatttta taacagaatt aaagtagatt ttaaaagata 60540
aaatgtgtaa ttttgtttat attttcccat ttggactgta actgactgcc ttgctaaaag 60600
attatagaag tagcaaaaag tattgaaatg ttgcatataa gtgtctataa taaaactaaa 60660
ctttcatgtg actggagtca tcttgccaa actgcctgtg aatatatctt ctctcaattg 60720
gaatattgta gataacttct gctttaaaaa agttttcttt aaatatacct actcattttt 60780
gtgggaatgg ttaagcagtt taaataattc ctgttgata tgtctattca cattgggtct 60840
tacagaacca tctggcttca ttcttcttg acttgatcct gctgattctt gcatttcac 60900
attaagggtg ctctcaaacc caaacacag atcgatataa gatttttagga ggtggggtga 60960
ggcacaatta tgaagtgcatt attattcaga tgtatagtaa atactttgca ttgcttttat 61020
aaagggttct ttaaggattt ttttaagattt ttacacttcc aaagtacatt tactttttgt 61080
cttgataatg aatcactttt gccagtaatt ggctcttcc aaaagtgatc cttctgactt 61140
acagatgttt aaaatgtgcc atgagtttaa ctacatcttg atacaaacat gataaaaaaa 61200
gaaaaaaata tattccaaag gttgggactc tggacgacaa atttttttta attagccaaa 61260
aagcattatt aacattataa actatattta ctataaaca ttgctatctt aaataagcaa 61320
cttctaaaaa taaaaaaaag aagccatcac ctccaggaaa aaaaaatagg aaaggatata 61380
atcaggtaat tctcaaagaa gaaatgcatg agaaaaatgt atacagtttc aacaatcaaa 61440
taaagcaaaa ttaaaacaaa atatcatttt ttgcttgtt aatttaatga tgaataaaaa 61500
aatctaattg gacattcctt attagttgaa ttggtcattg atataaactt ctttggtatt 61560
tgataatgta agtaaaaaat gtaaatgtat atccttcaag acagcaattg taattataag 61620
gatttaagag atatgtaaaa ggatactttt agtagcatta cttataatat tgaaaattgg 61680
aaagatctaa atatttaaca gtaagaaatt atacattaag ttttggtgca ttcacaaaat 61740
ggaataccat ataatacatta gaaaattatg ttgaagaata ttacaaaata taatttgtat 61800

aaagaaaaaa tgggtgccaa atggcttgaa caatatggtg gctttttaaa tattatatat 61860
ataatataaaa tctatatatta tgtatctata gttatctatc tatatttatg tatctgtaac 61920
tatagataca gtctatatat aattatatat aattttatat atatataatt atatataatt 61980
ttatatatat ataattatat ataattttat atatataatt atatatataa tatatataat 62040
tatataatat aaaattatat ataattatat atataatata tattatatat ataatatata 62100
taatatatat aattatatat actatatata tttttaaact tctgagagac aatccaaaat 62160
aaaccagaat tagaaacaat tttatctcct aagttttcag cttttgtttt aaaattttta 62220
ggcttttaaaa agtgtgctta gtttaggaaa tttcgataaa tttatgtgaa tagaagcata 62280
aaaccatgtc acttggtttg acttcttaaa gatttttccc tcaactcttt gtatgtctgc 62340
tgtaaggaca ctttcttttt tttttttttt ctgaagcggg gtcttgctct gttgaccagg 62400
ctagactaga gtgcagtggt gatctcagct cactgcaacc tccacctctg ggttcaagcg 62460
attctcctgc ctcagcccc tgagtagctg ggataaaaat tcttagatgt ctataaaaag 62520
aaaaataaaa gtatttttta ctgtcgtttg cacagtctag ttgctgtagt tggtagact 62580
cgctggctct ctctgaacca tgtttcccta ttcactgttt tgccctggct ggagttgcat 62640
ggaggtggag cccctcccag ggctccagc tttttctgct tgagtatatt gctgcccctt 62700
tagcattaaa ggctgtcaga gagggggtgc tctttttcac accatttatt ttctccaaat 62760
ttacctcaca ggggtcaatta ccacattcaa ccagtgatct cagatgcaac aatgatttt 62820
agtacaagca aagtctcaca caaagacatg tacaccatta tttgtaacac tcctataata 62880
actctggtaa aaagtaagag aagcagaagt tcttatgttt aagaaacatt ttcttgagtg 62940
acacaaaagg tgattacagt agtgaagctg taggactatg tgattaagta ccaaactgtg 63000
tcacacatca tggataatag ttaaaagcat gtgatatggt ttggctcttg tgcctccacc 63060
caaatctcat gttgaattgt aatccccagc gttggggaat ggacatggtg ggaggcgatt 63120
ggattgtggc agcagaacag caagttctca tgatagttag tgagttctcg caagatctga 63180
ttgtttaaaa gtgtgtagca cttctgctt ccctctctct ctctcctgcc accatgggaa 63240
gatgttcttg cttccccttc accctctgc catgattata agcttctga ggctcccca 63300
cccacgcctg ctgtacagcc tgtggaattg tgagtcaatt aaacctctt tctttataaa 63360
tgaccaagtg ttggtcttca tagcagtgtg agaatggatg aatgcagcag agtagcggga 63420
gtgtgcatag tgcagaggct gcctgggtgg aagggactgt gttgtttgtt gtgtgtgtt 63480
tcatagtcag ctgtgtaaatt ttgtctctc agcagggcca cacgctctgt gaaggctggg 63540

tgacactgta tttatcttgg tgtcccaaaa agcctagaaa cagtgtctta ggcatagtag 63600
acactactaa atgtctggtg aagtaaatta tgggatgttg gtgggggtacc aaatttaggt 63660
ggggccaaat tgtggaagc ctagaatgcc aggcagagta attcagattt gaagagagag 63720
aaaatgaaaa accattgatg actctgaata ggagcataat gtggtgaaaa tactgatacc 63780
cactcagagg gattggacag gaaaagccct gcagtgaagt gaatggtggc ctccaaaaag 63840
gcatctccga tccataatcct caaaaactat gaatgtgact ttactttag 63900
tacagatata aagatcttga ggagatcatc ctggattatt ctggtgggcc ctaaataccaa 63960
ggtccagtgt ccttataaaa gtgaggcaca agaaggtttg acacagaaga agaggaggtg 64020
atgtgatcat gggagcagaa atcgagtgat tgcagccaca tgtcaagaaa tgccagcagc 64080
caccaaaagc tggaagagac aaaaaaatgg attatcccct ggagtccatg aaggaattgt 64140
agtctgctg gatcttggat ttctggcttc cagaactagg agaggagaat cttctgttgt 64200
tttaaccac catgcttgtg gtaatttgc acagtagtct caggaaacta atacatgcct 64260
caaatcaatg aagctaaata agatgctttt atttaagaga aaacatgcaa gcgacgaggg 64320
taatgtggct ctgagttggg ctggtaaaag cagagaacag gtagctatga gaaacactca 64380
cagcctagta agagaggag ggagaataga ggccagctgg gaaatactgt gacagtgagg 64440
gagatgagga actctttaga aggaggagga tttgtttgta tggcttgaag atgatatcaa 64500
agtaatagat gtttgaggtg tggccctcaa gatataggca aaacacagat ggatcccagc 64560
atgtgcgact tgtttgagtt caatcctttt ctagcccagg cttctttatt ttcttagttc 64620
cacccagat tatccagtta tacccaactt taacaatggt gggtcttctg tttggttcac 64680
cagaatcaac tctgatgtt gggacaaaat gtgcttcagt ctcttctctg acacataatg 64740
cagccatttg tccccaggtc tcaataagag gtctttttta gaaatgcgtt tttcttatat 64800
ctcagcttaa ggctcatgct ctgatgtgtg aaccctttga gagaggactg tctttgcgtc 64860
actgtgttcc ggtgtttggc aaagtccttg gcatatagca gaggtcaat aagtgtctgt 64920
tcttttgcca attttttttg tgtgtgtgaa aaagtgtgta ctttttctgg gtcagtttca 64980
ttttatcaca aattaatatc taaaaaggct tttgttaata taaaatatat aaagaagatt 65040
cctatctaaa gccatgtaat tgtacatgaa aaataggga gcccatcatt acagtaacac 65100
ctgaggactg agccttacc actatacaga ataaaagaga aaagacttat gcaaattgtg 65160
tgctcttaat tttagaaaag aaaatatata tatatgaaag ttgtagtagt acagtaacag 65220

tattgtacca atttcagtg tctggatttg attttgaact acagtcacta catgtcatca 65280
tggaagaaag ttgggtgaca ggtacacagg atgctatgta ggagccccct tctcacctca 65340
cctcccagaa agaagaagta aagaacaagc ctagcgatgg gaggaggggg aggggtaaga 65400
catggaggaa gagacataac aggggggtggg caggaaggga gggagttttt acttcactac 65460
ccttgttcaa aaagcacagc catcaacagc agatgtctga caccctttaa gtctgaacaa 65520
tcagatgatg tatatgaaag tcatttgtaa aagttttaag agttacataa tacaaggaat 65580
gttatacaac agagatattt attgaatctc ccctgcacaa agagaagaga gcacttttca 65640
agacagcgtt ttcttctga atctgttcca aaaggagcct cagtgcatt cctcgaggcc 65700
acttaacact tgctccaagg tcagaactgg atgcaagacc cttcaaagaa gcctccaaaa 65760
caaaggcctt caaaggcatc aaccgatttt tacaacttct ttccaagggt gaacttggcc 65820
ctgctgattc acatgtaatg gaaaagcaag tggctgctgg gcatacatct gctgatgcc 65880
agttcaaagt caccctccac tctcccagg cgccaggctg ttccattcct tgccacctca 65940
agatccactt cagcctgggg aaaaaccaca gcctcaggtc caagtgtacc tgctcacttg 66000
ctccagcttt caagggacaa ccagcttctt tgcagcccc acctgagggc cccgagctgg 66060
acgcatgggt cacaggacca ggggggatcc tctggtgaa ggttctgctg ctctgtcct 66120
gtgccacca tctccagggt ctccctctga gaccctgct tgacaaaata ggtttcaggg 66180
tattttaagc caaggaccag atcctgaact gtgatgatcc tgcactgtca gaatccagtc 66240
actattctat gaaaagccca tgttacatgg ggtgactatg taacctgacc tagccactg 66300
ccagcatcaa gtgccagccc ccaagatgga ccaataagc atctgaccgc aacctcatga 66360
gatgagaacc ctgagcagag ccagtcatt ctatacaact agaagatatc ataaaaacca 66420
tttgttttaa gccaatcat aaccagaaca agtaataacc ctctagtct cagagcctat 66480
caaggacttt cagtgcctt aactctcttg atcttcaaaa aaatccctct tagctgcaat 66540
atcatggtgg gcacctggt tatcattgta tacatcaata cctctatcaa tacttgcat 66600
atcaaaagtc ttcaataaaa atatttgta aatgaaaaa aataagagat ttgttgctct 66660
tggaaaaaaa caaagattaa acacaagatt ttcagggagc acttctgca actgtagtcc 66720
tttgtcccag ctggaacttc cgacactgag atgaaagacc tctgcccttg cagtttggag 66780
aaatcagaat agcaaagaga aaagcaggaa tgcttacaga tatgtgcaag ggcaaagata 66840
tatgatgaaa tatttttacc tgggtctttt caaaagagtc agtttgggtc aaaaggaaaa 66900
gtgacctttg agttgaaacc cagttttcgc tttctcaact ggggtggttaa atttaaatga 66960

tttccttctc tacacaagac gctgtgtaag agtatgatta tgcttggtgt atagccaagc 67020
tcctaggetc tccagtcaga gaaacctggg cttctgttct ggctgccagt ttgctaaaat 67080
gtgtggcttc ttgggcaagt tacttacttt ttttaagccc ctatttctgc attggaaaaa 67140
atggaatttc aatgtctacc tcattgaatt agttgagcac taaatactgt aatgaagtat 67200
ttaagacaat acccaatact taagatataa gcaaaaaaaaa aagctgattg ccttcatttc 67260
atatttttct tgctcttcaa agctaccact tctcttgcac gaaaaggaat ttttgtattt 67320
atccatgtag caattatttt aagtgcctac tggcctagat attgggagca caatgattag 67380
acaaggagct tacagcttag gagacaggac ataagtttag taatgtgcat tgatgccatg 67440
atgcaagatg gtggggtgtg gtagtgggga ccaagaaaag agcagttacc tctctggaga 67500
gtggtttaag ggctaaaaaa tattccaggg caacgaagat gtcccttgga aggtaaatag 67560
atgaaaaact gtgttacatc aagacaatga aatatcacgc aatgctaaag agaatgagc 67620
catgaaaagc cacagaggaa aattaaatgc atattactaa gtgaaagaac ccaatctgaa 67680
aaggttcaaa ctgtataatt ccaactacat cacattctgg aaaaggcaag actatggaga 67740
tagtaaaaag atcagtgggt gctagagatt gggggagtga gggatgaagc acagataatt 67800
ttttagggca gtaaaactac tctataagat actacagtgg tagacacata tcattatgca 67860
tttgcccaa cccactgaat gtacaatacc aagagtgaac cctaaaataa actatttgga 67920
ctttgggtga tgatgtgtca gtgtagagga atcattgcaa taaatgtgcc actctggtgg 67980
gaaggcaatc aatgtgtaga aataggaggt acatgggaag tctctctacc ttccactcaa 68040
ttttgctgtg aatctaaaaa atgctcgaaa aaagaaagtc tattaaataa aaagcttcct 68100
ggataatgga atagatgcat gtcagatgga caatagagga ggagtgtgga tgtggagagc 68160
agtatagaac agtttagaag gctggaacca gaagtgattc agtgcggtca gagttttaga 68220
tgttgggtgt gaggaagggt gggtagaggc cccaaggaat ggggcagggc caggcaggac 68280
ctgagcctga aggatattgt gtgccagaat agcttttatt atttttattt ttgttgtgat 68340
tcttttgaaa taatatgagt gttgagatat gcctcacttt agagtggcct tattctttca 68400
aatgtacctg tgcggtgaaa ttttgtaaaa taaatcacat ttacttttt ccattataaa 68460
gatgaaaata taacacttta caaattccat aagtaaaggg aaaaaaggac caacttcaga 68520
cacctgcctt gtgactcctg aatgtgtggg tagactgcaa gagagctttt gtatctgtag 68580
aatttcaacc acaagcatgg gggttggtgc acacagcatt ctaatatcat aggcagggaa 68640

tcacattatt ctatttgggg atgggggggaa aggcaagggtg aggggaaggaa tatatatgta 68700
tgtttgtgtg tgtaaatata tatatattat atatataatta ttttaaataca agaataaaaa 68760
gacaaaacta aacaatatta tctaagtcac aaatataata ttttagttat atattcaagc 68820
cagtttgcag ttgaggcttt ctattttcat caagatttta gtacaaatta ttttttaatt 68880
tccgaaagag ttcattgtcc cttgtcaact ctctcttggtg caaaacgtct cgatcagcat 68940
gggcaatgac accgttatcc caattcttca gtttaaacag atgactcatg caggacttat 69000
caatgatttt ccatgttatt ttgggtagt gccagggtcta gccaaaatat ggctgagatt 69060
tcccgaatta tttgaaaaac cccatgacca caatattcta cctcttttaa ttaaagaatg 69120
gtataaagtt ctttggattc agagagtcca ggtcaagaac atatgcatat agacaaagcc 69180
tggagagaaa tatgccaaaa aggaaatagg ttaaagttaa tttaaaacaa tactaaggat 69240
ttcctttacg agaacaaata tttttaggac tgtttaaaag tgtcagagac taaacacaaa 69300
atgctggtgt ttcacaaaaa aattagcatt tatgaatttg tgtttatcat atactttact 69360
tcagaaagca acttttttga gtagctaaaa ttttgattat ggattatttt ttgttatagt 69420
aatgaaatta aattcattca ttgatagctg aaattagatt taaatacttc ttttaaaatt 69480
cttgatattt gcatttatgc tagaaaggct accttagcca acaattttat tgcattgccc 69540
atcaaggcta aagtcataag ttagctatga aaattctctg cactgaactc ccttatgctt 69600
tctgtatttc tttatgtttc actctatatt ttaattattt cctattttca ctctgtttat 69660
agctatttta catacctaag ggctagtctc tatcttacta tctttgtgtc ttcactgtct 69720
caacacaatg tcttgacaca atgggtgctg tctttcaaag tgttgcataa agcactagtc 69780
actatagcaa agaaatggaa tcaatggaga tgcccatcaa tgttggattg gataacaaaa 69840
atttggtaaa tatatactat ggaatactat gcagccataa aaaatgaagt catgtccttt 69900
gcagcaacat ggatgcaggc ggaagccctt atcctaagca aactaacgca ggaacagaaa 69960
accaaatact gcatattctc acttataatt ttagctaaag cattgaatat acatgaacac 70020
aaagatggga acaatagaca ctggggccta cttgagaggg aaaggtgggg gcatgtgtgc 70080
tttggaagac tacctattgt gtactatgct cactagctag atgacaggat catttgtaca 70140
ccaagcctca gcaacacaca atttaccat gtaggaaatc tgcacatgta ccctggatc 70200
ctaaagtaaa agtagaggaa gaaggaagga caaaacaaat aaaagtgttg catgaatcat 70260
gaacagacat agctagtcag gaaatggtag agttaaaata cctgctggca gtttccagat 70320
tcttcagctt cagacatgtg ccagatatct tccttttgcc attccatata tattctccac 70380

cctccccctcc acactgctgt ttacttttagg aagttgactt ctgtgggttc agctgaaggg 70440
gggtgcctgga gacagttggg gtggatcact gctcttcttg aagcagttct atctacatga 70500
tgctcaatat ggcttctggg aactgctcct tcccccatc catgctggcc tagggaaggc 70560
catacacctc cccagtgttt gtggcccca gatattttgc tatctattat ggtatatcca 70620
ctatgcccta tgttctactc ctacctttct aaatagttcc ttcattacat cctccttgaa 70680
tatcctaatt tgaatatgcc atttgtttca tgctgagacc ttgactgata catgacaatt 70740
caaattatgg caaaagaatc caccattctt gaccagtata atcattgctt tctcaaaatc 70800
ctctcaataa actctgaaag tctaaattcc tctagttct tagcctctac tgtatcaaatt 70860
ctcttttata ttccaccata tccttatcta ctttttgact cagtcaaatt aacatcacac 70920
cttctttatt ccatgtctcc attcttcacc tgcactctgtc tttggcattg tttccctgct 70980
cttggaattg ttaggattat ttttcttagg agtagcttta tgaataagtt taaagaaatt 71040
attaatattg tgctttcagc gagtattttg cagtgtcagg aaagggggaa aactggaaa 71100
caaagttaaa agactttttt ttaactatag agcttctcag gatctgtgat gtgcattgtg 71160
atcttctgag tgtggttaagc agcatttctc aaacttactt catcatggaa cactcgttat 71220
cactaagcac ctgttgcat tcctcacgtc acagtttga aaaccttgcc tgtgggtatg 71280
cttttcactc catcctgtc ttcctccata agtatattt gtacaaatga ataaatattg 71340
acaaaattgg ccagaactct aaaagaggga agtggaagac aggggtaccgc aacccttctc 71400
tccaatcatt ggtgtctgca taaatcagga tctccaaaga tgtatggggc cagggtgaaag 71460
gtggccagca cctcctgcaa gatccagctt gagggactga tggagacctc cctgggtatt 71520
cattcagagg tcttcttcaa gccttcaagc ctagattagt tgtggatgtt tctcccctgg 71580
tctttctgcc ttaattcctg aactagctgg tgggtggaaaa gggagtgggc aagaagagaa 71640
agaagagcat ttatcagggg cttgcaatgt tccagataac cgatttggtt catcctcttc 71700
cctgaaggag ctcatgtca aatagaagag taaagatgca aaataggtat aacgaatgta 71760
gtataatata atgtaacatc atataattaa tgcaattagt gtagttagta tataaattat 71820
ggctacacaa atgaagagca catcctctca ttttttaaca ttgcctattg tcctgctatg 71880
gcgaggtcta taattattgg catctgattt catgttttac tgtggagtaa gcatgaggcc 71940
ggactgagac aatgtccacc caccttcatg tcttatctag aaaaatacac agatttgtgt 72000
aagtagatga aatagacagg atgttactga gagggtaaga gagtgagaag gaggaaaatg 72060

agcagatgac ttagataaat cttgttatct aatactttgc agcccttctt ctattgatga 72120
acaaacgcaa agattggcta atttgatttt agaattattca tcctttgcct ctgtacccta 72180
ttagagaaat gtggatttaa aaaattaggc agcaacttct gggaaaatgg agtagacata 72240
ctttttccta tttgtcctac taagtacaat taaaaacact gaacattata aataaaacaa 72300
acataagaca atggaaatgt ggagagaata agacagacta gctaaggatc ctgggatctg 72360
aggaatgaca catggtggtg agtttctggt ttgtttgttt gcctcctata tctcagactt 72420
ggagcaaaaag aaggcaaaaa tccaaaaatg ccaatgtaca cagacaaaaa tgtcctgccc 72480
ttcctagtaa aaggactcag aaaggacag cctagcaaga gagaacacgt tgaaacagca 72540
gtcactctac tctagccaaa cattgtagaa aaaactgtga caccaccag actcactcca 72600
gcaaaagcaa agtagggaga cttgacttcc tcccttgcca ggcattgtca cctcactctc 72660
tgtctacccc caccacagg tagtgtcaga caaggccaag tagagaacag atgtttcatt 72720
cccaccttgt agtaatgagg caccacacc acttccctct ggggtaatgg aagaggaagc 72780
ctagtggaga cttaggactt accacactac ctaatggtaa caggatcatc tccccaacac 72840
catagaggcc acgtgggggg actaacagtg cacttctact ccttccagcc agaaagacat 72900
cagtagaggg ccagtgggga atcagaactg tcacttctgc ccagcaataa caaggaccac 72960
ctccctcaac cccaagtgtc attggagatc atgcgagaaa cctgaacttc taccctgatc 73020
tgtggaaatg aggcagtaca cttctttcac tgctgaagca gtgtaaaaaa atccattttg 73080
atztatctgt ggtgttcttt ttttattttt taattttgtg tgtacacagt gggggtataa 73140
atztatatt ttttgatata gacatgcaat atgtaataat cccatcaggg tgaatgggga 73200
atccattccc tcaagcatth atcttttgtg ttacaataaa attatactct tttgttattt 73260
taaaatgtac aattaaatta ttttgactat aatcaccta ttgtgctatc aaatactagg 73320
ttttatttat tctttctaac tctctttata tatccattaa cttccccagt tccccgtaac 73380
actgtcttcc actacccttc atagcctctg gtagtcatcc ttctgcttcc tacctccatg 73440
agttcaattg ttacattttt tagcttcctc aaatatgtga gaacatgcga agtttgtctt 73500
tctgtgcctg gcttatttca ttcaatataa caacctctag ttccatccat gttgtttaca 73560
aatgacagaa tctcattttt tatgattgaa tagtactcca tttgtatat gtaccacaat 73620
ttctttatcc attcatctgc tgatggacac ttaggttgct gccaaatctt cgctattgtg 73680
aattgtgctg cagtaaactt gaaagtgcaa atatctcttt gatatactga tttcctttct 73740
tttgggtata ttctaggag tgggattgct ggatcatata ttagttctaa ttttagtttt 73800

cagagacacc tccatactgt tttccatagt ggggtgtacta attcccacca acagcataca 73860
agagttccct tttctccaca tcttcaccag cattcattat tacctgtcat ctggataaaa 73920
gtcatttttaa ctggggtaag atgatatcac attgtagttt ttatttgctt ttctctgatg 73980
atcaatgatg ctcatatgtc tctttgccat ttgtgtgcct tcttttgaga aatgtctatt 74040
cagatctttt gccattttt aaatcggatt atgagttttt tttctatatag gtttgtttga 74100
acttcttata tattctgggtt attaatccct tgtcagatgg atagtttgca gatattttct 74160
accattctgt ggggtgtctca tcaacttttta gattgtttcc tatgctctgg agaagctttt 74220
taatgtgatg tgatcccat tatacatttt tgctttgggt gactgtgctt atggaatatt 74280
actaaaaaaaa atctttgccc agtcacagt cctggacagt tcccccaatg ctttcttttg 74340
gcagtttctt agtttcattt cttagattta agtccttagt ccactttgat ttgatttttg 74400
cataagggtga gagatagagg cctttattca ttcttctgca tatggatata cagttttccc 74460
agaccattta ttgaaaagac tgtcctttct ccagtgtata ttcttggcat ctttgctgaa 74520
aatgagtttc ctgtagatgt atggatttat tttgggggtc tttattctgt tccagtgtg 74580
tatggggcca gcttttatga cagtaccatg ttgctttggt tacttttagct ctgtagcata 74640
atttgaagtc aggtaatgtg attcctccag ttttgttctt tttgctcagg atagctttgg 74700
ctattctagg tcttgtgttt ccatatgaat tttaggattt tttttttctg caaagaattt 74760
cactgggtgt ttgatagaga ctgcattaaa tctgtagatc acttttagata gtatggacat 74820
tttaataaca ttgattcttc caatccataa acatggggta tcttttcatt ttttgggtgc 74880
cttttcaatt tcttgcattg atgatttata acacttattt tagagatctt acccttctta 74940
agttactttt cagggtgttg attttatttg tagctatcgt aaatgggatt gctttcttga 75000
tttctttttc agattgtttg cagttggcat atagaagtgt tactgatttt tgtatgttga 75060
ttttgtatgc tgcaacttta ctgaatttat ttatcagttt gaatagtttt ttgatggact 75120
cttttaggtgt tcccaaatat aaaatcatac catctgcaaa caaggataat tttacttctt 75180
cctttccaat ttggatgtcc tttcttttcc ttgtctgatt gctctagcta ggacttacag 75240
tcctatgtcg aataacagtg gtgaaagtgg gcaccttctt cttgttccac atcttagagg 75300
aaagattttc agtttttcac tattcactat gatactagcc atgcatctgt cacatatggc 75360
ttttttgtgt gtgttgaggt atgtttcttc tatactcagt gttttgatgg tttttgtcat 75420
gaagggatgt tggaatttgt caaatgctt ttctgtatca atcaaatga tcatatagct 75480

tttcttcatt ctgttgatat gatgtatcac attgattgat ttgtgtatgt tgaaccatct 75540
ttcttccctg ggaaaaatac cacttgatca tgatgaatga tctttttaat gtgttgtaa 75600
aataagtttg ctagtatttt gttgaggatt tttttcatca atactcatca gtgatattgg 75660
cttgtagttt tttctttttt atgtgtcttt tgttttggtg gcaggataat actggccttg 75720
tagaatgagt atggaagtat tccctcctcc ttatttttca ggatagtta aatagaattg 75780
gtattagtta ttctttaaat gcttggcaga attgagcagt gaagccattg ggtcccaaga 75840
ttttctttgc tgagagactt tttattatgg ctttgatctt gttacttatt attggtctgt 75900
tcaggttttg gatttcttta cggttcagtc ttggtagggt ctgtctagga acttatctat 75960
tttttttttt ttttttagat tttccaattt attgtcatgt agttgctcct agtagccagc 76020
aatgatcctt tgaatttcta tggatatagt gtaatattgc ccttttcac tctgattttg 76080
tttgcttggg tcttcttttt tcttagtctg gctaaatgtt tgtcaatttt gtttattttt 76140
tcaaaaaact aatttttgtc tttcattgat cttttttcat tgttttcttc atctctgttt 76200
catttatttt tgcctctcatc tttattatct cttttcttct actaattttt gggttggtgt 76260
gctcttggtt ctctagtctt ttaagatgca ccattagggt acttatttga agtttttcct 76320
ttttttgata tgggtactta cagcttcaaa cttccctctt agtactactt ttgctgtatt 76380
ccatagggtt tgggtgtgtg tgtttccatt ttcatttggt taataaattt ttcaattttc 76440
ttcttaattt cttcattgat ccattagtct ttcaagagca tattgttta tttctatgtg 76500
tttgcacagt ttccaaaatt cctggtgtta ttgatttcta gttttattcc atcatggtca 76560
gagaagatgc ttaatattat ttcaatgttt ttgaatgttt taagacttat tttgtgatct 76620
aacatatggg ctatccttga atgatccatg tgctgagaag aagaatgtgt attctgcact 76680
tggtggatga aatgttctgt aactatctat caggccatt tgggtctatg tgcagattaa 76740
gtccaatgtt tctttgttaa ttttctgtct ggaagttctg ttcaatgctg aaagtgggaa 76800
gttgaagtct tcaagtatta ttgtattagg atctatctct ctcttcagtt cttaaagatat 76860
gtgctttata tatctggatg ctccagtgtt ggggtcatat atatttaaaa ttgttatatc 76920
ctcttgctga atcaaccct ttatcattat atagtaacct tgtttcttct tacagttttc 76980
gtcttgaaat ctattttgtc tgatacatgt atagctactc ctctctttt ttttttttg 77040
tttccattgg catggaatat ctttttctat cccttaattt tcagtctatg tgtatcttta 77100
tggattaagt gtgtttcttg tgggcaacag atcattcggt cttgttttgt gttgttttgt 77160
tttgttttaa tccattcagt gactctatga cttttgattg gagagtctag gccatttata 77220

ttcaatgtta ttattgataa gtaaagactt actcctgccca ttttattatt tgttttctgg 77280
ttgttttgtg atcttctcta ttttctttcc tgtcttcctt ttagtgaagg tagtttctct 77340
gaaggatgt ttttaatttct tgctttatat cttttgtgta actggttag gtttgtgat 77400
ttgaggttac tctggggctt gtaaatacta tcttataact gattatttta agctgataac 77460
aacttaacac tgtttgcaca aacaacaag caaaaagaaa actgaaaaaa cctttacacc 77520
ttaaactcat tctctgcttt taaatttttt attgtttcta tttatacggt attgtgctgc 77580
ctatgtcttg aaaaaagatt gggtcacctt ttagtctttc tacttaagat aagagtagtt 77640
tacacaccac agttacattg ttaaaatagt ctgtgttcta tgtgcttatt attaccatga 77700
gttttgtagc ttcagatgat cttactgctc attaacatcc ctttctttct gattgtagta 77760
ctcccgtcag catttcttgt gggacagatc cagtgtgat gaaatccctc ttacgattcc 77820
tttgaataaa ctttctaccc catcactctc tctacctact ttttaaggcc aataactatt 77880
agatttgccc ttttgatgct attttctaga tcttatagtt gtgtttcatt ttttaaattc 77940
tttttgtgtg tgtagttttg tgtattcact gtgtattttc aaataactca ctaattcttt 78000
cttctgcttg atcaattctg ccattaaaag acctcgatgc attttcagta agtcaattgc 78060
atttttcaac tccagaattt ctgcttgact gttttaaatt atttcaatct ctttgttaac 78120
tttatccgat agaaatctga attccttctc tgtgttatct tgactttctt tgagttttct 78180
caaaatagct attttattta tttatttttt actttaagtt ctgggagata agtacagaat 78240
gtgtaggttt gttacacagg tgtacgtatg ccatgggtgt ttgctgcacc tatcaatcca 78300
tcattctagg ttttaagcct tgcattgcatt agctatttgt cctaatacac tccctcttct 78360
tgccctcca ccccaattg gctctagtgt gtgttgttcc ccttctgtg tccatgtgtt 78420
ctcattgttc aactccaact tatgagtgag aatatgcagt gtttagtttt ctgttcctat 78480
gttagtttgc tgagaatgat ggcttcagc ttcattccatg tccctgcaa ggacatgatc 78540
tcattccctt ttatggttgc atagtattcc atggtgcata tgttccacat tttctttatc 78600
cagtctatta ttgatgggca tttgggttgg tccatgtct ttgctattgt aaatagtgtc 78660
gcaataaaca tacgtgtgca cgtgtcttta tagtagaatg atttatatc ctttgggtgt 78720
atacctagta atgggattgc tgggtcaa atggtattctg gttctagatc tttgaggaat 78780
caccacactg tcttccacaa tgattgaact aacttacatt ctcaccaacg gtgtaaaagt 78840
gttccatatt ctccacagcc tcactagcat ctactgtctc ttgacttttt aatgatcact 78900

attcagactg gcatgagatg gtgtctcatt gtggttttga tttgcatttc tctaataatg 78960
agtgatgttg agcttctttt tatatgtttg ttggctgcat aaatgtcttc tttggagaag 79020
tgtctcttca tatectttgc caactttttt atgggggttat ttgttttttt cttgtaaatt 79080
tgtttaagtt cctttagat tctggatatt tgacctttgt cagattctat aggttgctg 79140
ttaactctga tgatagtctc ttttgctgtg cagagctctt tagtttaatt agatccatt 79200
ggtcagtttt ggcttttggt gcaattcctt ttggcatttt catcatgaag tctttgcca 79260
ttcctatgtc ctgaatggta ttgcctaggt tttcttctag tgttttatgg ttttgggttt 79320
taagtcttta atccatcttg agttaacttt tgtataagtt gtaaggaagg agtccacttt 79380
cagttttctg catatggcta gccagttttc ccagcaccat ttattgaata ggagatcctt 79440
tccccattg cttgttggtg tcagggttgt caaagatcag atgggtgtag atgtgcgata 79500
ttatttctga ggtctctgtt ctgtttcatt ggtctatatg tcaaacagc tattttgaat 79560
tctctgcctg acaggtcaca tatctcttct ttcagtattg tcccagggtg acttatttag 79620
ttcatttggt gaggtcatgt tttcctggat ggtattgata cttgtaggta tcggtcagta 79680
tatgggcatt gaagtgttag gtatttatct tggctcttgc agcccgagct tgttgtacc 79740
catctttctt gagaaggctt ttctaggtgt ttgaaagtac ttgggtattt tgatctaagc 79800
tgtatctgca ttagggagca ccctaagccc agtaacattg tggtttctta cagacttata 79860
gaggtactgc cttgatgtc ttggataaga tccagaaaat ttcttaccag gcagagactc 79920
ttgttgctt cttttacttt ctcccaaaca aacaaattct ctctctctct ctctccctct 79980
ctctttttct gtgctggaca tcctggagct tgggggtggga tgacacaagt tcctctgtgg 80040
ctacaccact ggggctgcac taggacagac ctgaaatcag cacagtactg catcttgctc 80100
aaggcctgat gtaaccacta cctggctacc aatgtgtgct caagacctg gggctctata 80160
atcagctggg agtaaatcta gccacgtttg tatecttccc ttcagggtgg tgagttcccc 80220
caggccctgg gtaggttag aggtgtagc tgagagccag agactggagt cagaatcctt 80280
agaaatctac ttggtgtgca gtttagttgg cactcaaacc actagacaca ttcttcctc 80340
ccctttccac aggcaggaga gcctcgcccc ctggccttca ccaccacagg cccaggggag 80400
tacttccagg ctactgccac gggtcactta aggcacaaag gtttttcaat cagcttggtg 80460
tgaatgctgc cgggtctgga actcattctt tagggcagtg ggcacctct gctcatggcg 80520
ggtccagaaa tgccataaaa gagccaaggc ctggattcca agagcctgct tgggtgcttg 80580
accctgtggc cgaattggta cctaagggtc aatacaaagt ctcttttact tttccacctg 80640

cttttctcaa gcaaagagtc tctcaccacc gccaccatag cgggtaatgt gctggatctt 80700
acctaaagcc agcacatctc agagtcctac ccaaggcca tgtccatggc gtactatctg 80760
ggcatcactg atgggtattc ggggccc aaa ggtcagcaag taatgagtc tgctaggact 80820
ggttccttcc cttcaaagca gtagattccc ttcttgtcca gcgtatgtct agaaatgtcc 80880
aggagctagg gcctgggatg tgagtctcat gactctgacc agtcccctat cctactgtgg 80940
ctaagctggg aaccaagatg caaaataaag tcctctttac tcttcccttt cctctcctca 81000
agcagaagga aggaatctct tttggagcca tgagctatgc tgcctggggg tgggggaagg 81060
gtggtgcaag ccatttcctt agctgcccc a gctggtgtct ccgtaggtca tgtgcctccc 81120
caagtccact ggctctgagc tcagcttagc actagaaatc acctaggagt tgcagtcctt 81180
gtggcctaca ctgactttca agtttattta gagccccaag gcatttttagc ccacagtgat 81240
gaagcttgat ggaactcaag ttccgacaac tgggatgggt gattccccctc tggctaggcc 81300
tgatctaaat gctccctctg tgggcagggt tcaactgagt tcagcccagc tttgctttat 81360
actgtgacag ggaagcactg agttcaatgc acagtctcac aatctctgtg ctctccctct 81420
cccaaacaca tagcttttct ctccgcacaa tgtggccact gctgggagga tgaaggggtg 81480
catcagcaat tcaagactgt ctttccctacc ctcttcaatg cctctttcag cgatatgaag 81540
ttaaaactag gaactatgag tgctcatctg atttttggct tttataaagt tgctttttgt 81600
gtatagatag ttgtttaaat ttagtgttct ttagagagg gacaatcagt agatccttct 81660
attcagccat cttgccctgc cttcttctc tacctgtggg agtcttgact atatctattt 81720
gtgtagattt tttagtgggc ctctgagtat tgcattatat ataaataact tatcatactt 81780
tactattttc atcattttac ttgtttgagt gaagtgtaga aatcttatct cccttatatc 81840
cctttactct ctctcattca cttgtaattg tcttatgtat ttcccttact tatattttaga 81900
accacatcag acagtgatat aatttttgc tccccataa aaaataattt agaaaactca 81960
ataggaagag gaaagtttct tgtatttacc aatatttttc ttgaccatgt tctttattct 82020
agatattcta agtttctcct gtttataatt ttctatttag agaacttctt ttagtcattc 82080
ttttattttg aaaagcgtta gctttagaat aactttaaga gttagtaaat gtcaataacc 82140
ttaagcctag tgaccctact cttgcttacc catttcatcg ttggccttgg caccttgag 82200
ccctccctgt ccaccagtg gttttcatta ctctcacaga acacaagaat ttcattaggc 82260
aatgtgacct tggaaactctc aatgtgcccc ttaatccacg ttggcagaaa tgatataaca 82320

tagtgattaa tagcaaattc ttctaactac ttcttgtcat ggtacctttg caagtccacc 82380
ctagtttatg aagggtataag gaagagttta gtggaaaaca gagagagaga gagctgaatc 82440
agtattaccc ttgtcttcaa catctttatg agtgcctttg ggtgtgctgg gccgaattag 82500
atgaatttta taatgaacaa aagaagaacg aaacccaaaag gaaataatat ttttaagaga 82560
aagggtcaaag gcaaagcaaa aaatttctga gtcaagcaat gagaagggtt ttttaaaaaa 82620
gaaaaaaaaa ctttgggaga agtataagat gtaacatggg ttgaaggag taaaggcagg 82680
aaaaattaag atctataaac tctgagaagg tagtttgagc agaagtaaaa aacattagtg 82740
acccaaagt tggaaatgat tcaagagtag ttaagtgcag ccaagtgcac acagaatagt 82800
caaattttca ctatcttcag acatgaaaat ttggagaatt gttagatagc cacaatgca 82860
atatagtggg ggaaaagacc acagagcata ttgtcaaga tataagtcaa caggacagag 82920
aatagagtcc atcatagcac cctctttagg aaaaattggt gctaattaat ttatatttga 82980
atataatttg aaaatacttt ggtagatgga atttgttatt ctctgttgac tcttacttat 83040
aggaaattct ttttgtacaa acccttttat gctatagttc aaaaatattg atctattcaa 83100
tacacattta ctgagccac tgggtgctgtg ggcactagaa atacaacagg taaggcttct 83160
gtctaacagt ggtcttcaat aggaatacag aatgagaagc tgaagtcacg tggccagagc 83220
tggaagccta attccattgt ttactagctg tgtaaaattc actttgatat cccacctct 83280
aaactgagaa taatagtcc tcacttggtt acctgaaca tgctccttgt tttgagaatc 83340
aaatgagatg atatatatgt gtgataggct ctgtaaattc ataaaatact atataatctg 83400
agtaactttt gcattagcct tgtttaaatc cttctttata tgcctaaaac tttttatcct 83460
aaaaccttag ccaggtcct tgcacatagt aagtgtgggc agcaattatt ggatattcca 83520
gcgaatgaaa tgaaaacata ttaatatatt tactctcacg gctcttatgt gctactaaga 83580
tgacaagaga caataagcat aataaattct ttaatgatat agtatactag aagggtgataa 83640
atgctgtgga aaagaaaatc aaagtaggat aagaggaact gagagtctg aggggtacaag 83700
atccaacttc taattgagaa gagattttta ggaggtgaga gtgtcctcca tgtcagtatt 83760
ttggggagga taattttgga cagggggaac aactagtaca aacaccctga ggtggagtgc 83820
tgcctctctt gtctgagtaa tatccaagag gccagtgtgg ctggagtgga gttaggcaaa 83880
gacaaaataa ataaaaatga gatcagagag gtcacggaga gggcacagca ttgtaggcca 83940
tgactgagtg aattgggggc taccacagaa atgtgaagag aagagtgatg tgatgtgact 84000
cacatttcaa aagaatcatc caggccatgc ttttgacaat ggacaaaggc ggaagaggag 84060

gaaaggacag aggcagagag acaattaaca agctattata gaaaatcagg tggagatgat 84120
agtggcttgc atgatggtgg tagagctgga ggtgcagggc aaaggtcaga ttctgaatat 84180
atdddgaag taaaggcaac aagatttcct gacagattga ttatggtgtg tcaaagaaaag 84240
agaggaatgc aggatgattc cagtgttttt gttgacaact ataagtctgg agctgccaac 84300
tggatgcaga agttcactgg agggcccagc ctggggaaaag gatcaggagc aggttaggca 84360
tgttaagctt gagatgtctg ttaaaccatcc agataggaat gtcaaagatg cacttgtgtt 84420
taagagtcag gaatgcaaga ggggaatttta ggctagaaac aaaaagttag aaattattcg 84480
atacagatgg tatttaaacg tgtgtgactg actgacatga cagaagtggc gagaatagac 84540
tgagaagtcc aaggaatgag ccttggaacca ctccagtgtt aggtaagtag ttgaaaaaaaa 84600
gagagagaga gaaggcatca aaggagactg aggaagagtg atcaggaaaag cataggaaaa 84660
tccgagaaac atatggtgtc ctggaatcta tatgaaaaag atatattcag aaagacagag 84720
tgataaatct gtcaaattat tgaatttgtc aggtaaaata agaacagaga attgatcttt 84780
ggacttagca aagcagagat tatcagtgc ttttataaaa atagtttcgg tagtgtggaa 84840
agatcaaact tctgtttaga gtgggtttca gagagaacaa caggaattga agaaagtaat 84900
aaactttgcc aaccagttta gctccaaagg aaaagaggga aatatgatgg tagctggcag 84960
gggaagtgtg gtcaagagag gttttttgtt tgtttttcaa gatggaagaa ataacagtat 85020
gtatgtaagc tcacaggagg gatccagcag gcatggggaa attgatgata taggacagaa 85080
aggaagaat ggctccttgt gaaagtgaaa ggggatggga tctacaggat gaacatgcaa 85140
acaaagactg gctgcaaaga gaggcattgaa tagttcattt acagaaacag caaaggcaga 85200
gtgttggtac agatgctggt aagtggaaaa atatcatggt aggaggttat ggagttccat 85260
tctaaacact tcaacttcat cagtgaaata agcacggtaa tttagcagaa tgtgaagatg 85320
taaaagaaca gaatttgaga aaacagacga tatgaaataa ttattagaaa agcaggtgag 85380
tgaatgaact aagaaaacat cttatgacta ttggtcagta aacgttggga tacatagtga 85440
atdddacaaa atctttgccc tcataagtct tgcacccac agagtgggca ataaataata 85500
aacataataa gtacattatg tatacagtat agggccatgt aagttcatgg cgaggcaagc 85560
ccgatgactt tgtattdttt ttcagacatg ttctgctgca tgggtgtaggt tcacagtagc 85620
tcagtaactt gaattatcca ggattgtggt ttactaagc aagcctgata aagagagagg 85680
gctagagggt tgtgggtgtt ttcaggctga gttaagagag aagacatgaa ggaggtgagg 85740

aacagtaaaa aggtggtaag atcagtggac tgaaggatgc attaaagaat gactgtgttt 85800
aactctctga tacatctgac gtatgttctc catctccact tccctgctag tcatagcgga 85860
taaggatact ccctggattc gaattctagt tccatcagtt ataagatatt gattctgttt 85920
tactttgtct gtctcattcc aaaacacatg tctctaatta ccatagtttg ataatgagtt 85980
ttgatattta tttagtaagg caaacccata aataactgat aatttttcaa gataaaagtg 86040
aaataaattt tcaggaaaaa aaagctgaga aaatttgtca caaactaaag aaaacaagaa 86100
agagacagta gatgaaagag tgctcattag gtgaaaggaa aatgatccaa gagggtagct 86160
ttgagatgta ggaagaaaca aaaagcaaga aaatgataaa tgttttgata aagctaaata 86220
agtatcaact cataaagaaa taatattccc agaagagtca tgaatataca gagaaaatta 86280
aagtacatga caatggcaat gtaaaagtta ggggtgaata aaaaagagac ttaagagttc 86340
taaaatcatt gcattgtcct ggaagaggaa aaagtacaat gattagtcaa agatacatgt 86400
cataatccct agaaaggaga tcattattaa atagaaaata aaagaatata tcttatagaa 86460
aggaaatcta aatgataata ttaaacagat ctaaaataag gcaaaagtga ggataaaaaa 86520
gaaagatgga accaatgggg caaatagaaa aagtaagata gcgtggtagg gcattaattc 86580
cagcettaca tcaatgcata agtatctcaa tattctactg taaagggaaa gtaaagattt 86640
cttacagcct gagtgtaatg gagaaatcta gtttatcata gtgctttaa tattgtaagt 86700
cttcaacttc tagttgatga ataaatgatg gaattctcag tgatactgca ctgttatcaa 86760
ataaatataa aaggagctcc tggaattgga tgtaatacag gtaaagaagt aaacacagcc 86820
atataggcat ggcttcttgc agggacaact ttgtgaatcg gctcagacag acagacaggc 86880
aaatacacct cattgcctca tacatgttat ttgctttagt ttttgttctg aaccttcta 86940
ctccttcaag tatctgcatt tactttatca aattctcttt tattagagac tgaagaaact 87000
gtcatctcct tatgtgctaa tgagtttaat aatgtcctcc agtcaccaca agccttcttt 87060
caaactacac aattccaact gcttccgtct cagagtatct tgaaataatg atctgaccgc 87120
ctgttagacc agtgaaggga aggaatttgg gttgatttaa gaagagaatc ctcatggtca 87180
tggtagactg atatggagag aaaacatttt gagggaaaat actcaactaa attcatttct 87240
actccagcat gcagtttcaa gtcaagttcc accttagctc cagggtggcag gcagagcagg 87300
atgcagaggc acagcacaag taaggggtga gtgccgaagc tgctggctcc tgttccagtc 87360
tttcttcttt ggctcgcct gaacttttac tataataata gtcaccattt attaggtgtc 87420
tcctacgtgc aggacacttt acacacagta tccctaattcc taataacacc cttattttat 87480

agatccaatg actgagtcaa gaattacata acctggccag acagctggta catgggaaag 87540
gtgagattca caccagggtc caccagcat ctctacttat accatgctct gctttaaggt 87600
tctctgagaa ctcagacaag ccttgggcta acaattgtgt taacaggaca tagcagggtgc 87660
aaggaccac tggtcatcct gctacctgat cagaaggaag gaaagttgta tttgttgctc 87720
acctactatg ttttaggcat agtactaggt gcttttacct agtacttaat tcccttatcc 87780
tcaactcatt tattcctcgc aataacctga taaggagat gtttttatcc tcattttaca 87840
tataaggaaa caggcctaga gaaatgagca cagtgtccaa agtcacatag ttaataagat 87900
gtgaagctct gagtttgaaa gtctccggtt tcaaagccat gaaacttatg gctccccgtt 87960
ttagacactt ccttttggga agagtgtgga ggaattaatc agaaagaaga aagtcatact 88020
caaatagggtg gtaggagcag agacaattca atacagacag aagtcttaga tgagagcagt 88080
gagccagggc actggactgg gactcaggag gcttccccta gactctgggt ccaccgatgc 88140
agcctcaggc aggacttcac ctctctgggc atccggttct tcatatgtta aacatacggg 88200
gttttaatta gatgatcgt gaagaccct ctagccctaa aactctgtgt ctcttaagt 88260
ctaagagggc accaacagcg ttctcctcc ccaaggagca taatgtgatg gttcctgccg 88320
gccctggctg actctcgccg tccttgaga taattgggtt cagtgccacc tggaccagaa 88380
ctggggatgc ggaagcaaga ggcgagtcta ttgtctctc tcggtcctgg gccgccctgt 88440
gattgttggg cgtccgaaa ctgtctcccc tatgggttta aaaacaaaac tgagcgccca 88500
tggggtgtga cagtcactct caggggcttg ggtggcccat caggcgaggc tttctcgga 88560
cccagggctc cagcctgatc tcggtcttat cctgcgaccg ggctggttct ggcgggtcgc 88620
caggggtggc gccggcccca gccggcgcc cggcgcgcaa gagcggcagg ctgcgccct 88680
ggcccgcc tagcctggg agagagctgg gcggggcgcg ggagctgctc tcgcgggccg 88740
cgccctcgc cctggctgca acggtaggcg tttccgggc cggacgcgcg tggggggcg 88800
ggcgggggc gggggcgagg ccgcgcgag caaagtccag gccctctgc tgcagcgccc 88860
gcgcgtccag aggcctgcc agacacgcgc gaggttcgag gtgagagagg tccgggcgcg 88920
tctggcctcg aaggagacc cgggacgtgg ggcgcgggc gggagtggcc ggacctccac 88980
ccagtgcgcc cgggccccgc gactcgtgc cggggcgcc ggagaggggtg tacttggttc 89040
tgaggctgtg gtttctctc aggctgagat ggatcttgag gcggcaaaga acggaacagc 89100
ctggcgcccc acgagcgcg agggcgactt tgaactggc atcagcaggt acatccccag 89160

cagccactgg cttttccggtt acacgccaat cagcaggact aagttcaccc ttggaaagaa 89220
gttgtaaaaa tcggttgatg cctttgaaga cctttgtttt ggaggcttct ttgaagggtc 89280
ttgcatccgg ttctgacctt ggagcaaacg tgttgtgtgg cctcaaagaa tgtcactgag 89340
gttccttttg gaacagattc aggaagaaaa ggctgtcttg aaaagtgtc ccttcccttt 89400
gtgcaggggg gattcaatga atatctgcat tgtataacat tcattgtatt acgtaactct 89460
tgaaactttt acaaatgact ttcataatac tcatctgatt gttcagactt aaagggtgtc 89520
agacatctgc tgttgatggc tgtgcttttt gaacaagggc agtgaagcaa aaactccctc 89580
ccctcctgcc catccctgt tatgtctctt cctccttgtc ttaccctcc ccctcctctc 89640
atcgccaggc ttatttgat ttctcctttc tgggaggata ggtggggagg gggaaacttct 89700
gtacatccga atcagttttg ttcaagtggg agggggaagc agcgcttctt ttgccttcat 89760
gtctttctcg gttcccctgg cccttggtta actcacttca caggctttat gagcggggca 89820
gaagttccca gtcaatggcg tgtgtctttg tttcctcttt cactgtggga atagtgaatc 89880
attttcgcct ttagcctgaa atagtttatg aggtattac ggtctctgag ttcataaccag 89940
gtacaccaga aaaaattgac ctgtgtcaag tgatcaccca gagggacaaa tttatcagtc 90000
tctgtagttt gtcctcaagc tgctaggggc ttgattagct aactgaaaac atgcctacct 90060
gatgcttaaa ctgaagcatt attttagcct gttaatgtgg ttgtgcagta accttgctgt 90120
atttcttcta agcaccattg ttttttttca tagaaaattt agttttgcca tgtagaattg 90180
aaaaagtgat agatgggtgtt acttccaatg gaagtactta cacacgcaat agaaaaatat 90240
ggttttcatc agctggctgt ttaggcaggg attgactgtg agtctattaa tagatggcat 90300
tttcatgaag aagtctattt atgtattgca ctggcttaac atttgatgag tgtgcaaagg 90360
agctattcct aaaaagggtg tagtaacact tcagaaccca ggaaagtcct cagaggggaa 90420
gccacagct tctgctggaa agaagaaagc agctcaaaag agaaatacag aaagttaaca 90480
ataagttaag accacatgat tatgaaatca aatgtagtga aactaatttt tataaaagca 90540
gaccaaagat aatatattta aaggaagtta agcctgcttc aatcaaatta gttatatctt 90600
tgttctaatt atgttgctat tgcccatggc acattctttt gaacatatct agtggcagat 90660
gtttgtccag tgattttagt caatacttta cataatttg aatcatctta tgagtaaaac 90720
tttatcatctt acctggataa atgcatcata tttatgtaa aatcatcata tatatataaa 90780
tcatcataca cacacacaca cacactcc ctcatagagt ttatattata gtacggagga 90840
cagacataaa taatgtacat actaaataag taaaccacag ccaatgttag aaggtaatta 90900

acgccatgga aaaaagcatt aatccaggtt aaggggatca ggagtacaaa aggggagtac 90960
tttgtaattt taagtagggt ggtagggta gatcttattt taaaggtaat atttgagcaa 91020
agacttgaaa gaaatgagag gagacagctg tgtgggtatc taaggggaga gcattcccgg 91080
aaaaggtaac tggcaatgca aagaccctga gtcaggatca tgtttggtga gttcatggaa 91140
cagcagagag tccaggctgg ttggagcaga gtaagcaggt ttgggagtag ggatgtggtc 91200
agagaggaaa taagcaaca gatcgtgtag gacctcagag gttaatgcaa ggattttggc 91260
ttttattgta agaaaaagga aagccattgt aggtttttga gcaaagaagt agtgtatggc 91320
ttggcatttt gaaataatta ctctgactgc tagttgaaga tagactgaag cggcataggt 91380
ggaagtggag agactaggca ggaggctgcc ctactggtga cagcaatgaa actggtgata 91440
agtgggtaaa ttctagatgt actttgaatg tatcaccaac aagattgcct gacaccactc 91500
tccacaatcc ttcagaagaa tagacattcc taattttaaa tcatgatttt ttttaatttt 91560
agaaaacaaa taacttaatt gacttagcga cactgttagc atacttatct ttctgtgta 91620
tgtgagctct gtaaggcagg cgaccatttc ttatgtatcc atgtatcttt gtagtacctt 91680
cgacagttac ttttgtgctt gctatgtttg ttgaactgaa taattttgac attttgtgaa 91740
catcactctt atatttgaaa atataatagt tgaatattgt aactaaacat atttatgttc 91800
aattgattgt aaaacatttt gtaacagttt taaattgaag caattctatt ttttacagca 91860
aacaaaaaag gaaaaaaacg aagacagtga aaatgattgg agtattaaca ttggtaagct 91920
gtgaaatgtt aaatgtgaat aatcctacct tttattcaaa tttgaggtat tgaatcaatt 91980
acctttaaag caaatacttt aagattgtct agctaggcga gctgactcat acttgtaatc 92040
ccagcacttt gggagactga ggtgggaggg ttgcttgagc acaagagttt gagaccagcc 92100
tggacaacat agtgagatct catctctaca aaataataaa aataaaaatc ttaaaaaata 92160
gcatatgtca tggcatgaac ctgtagtccc agctacttgg gaggctgagg caggagggtc 92220
ttaggagtct gaggctgcag tgagttagta tcacaccact gcactccagc ctgggtggca 92280
gagcaagacc ctgtctcaaa aacaacgaca acaaaaaact gtctgcagac agcaataaat 92340
tgtccttgct gcacctgtgc tgtataagtt tggcttatta tagtcaatga cccacattct 92400
taagatggat gattttttaa aaagtagaga caggctggcg atgacaccgg acagagctaa 92460
ctggtgtgca aggaaagtga aaatgggaat tgtgttagta gcacaatgca aactcaacaa 92520
tttcaagaaa atgcatttct gcatttgctt cacagacccc caccctaaat ttagcttaaa 92580

ataagcttgc atttcaagaa agtaattgtt aagtacataa attttaattt aaggaatcta 92640
cattcacatt tggtttccaa aaaattggct aaataggggg taactattag gaattctgat 92700
tatgcttaaa acagttttcg gtgcttttct gttggtacaa gacaagacaa tatttttgga 92760
agaagtctcc tcatctggtt ttcatttgaa atatgtctta cagaggcagc tcaagaaagc 92820
atttgcccat ttttggtaaa tatgacgtgt ttcaaactgt gacagccatt atttggtagc 92880
aaagaagtta gaattaagtg tcatgtcagc tgaaatccaa cttagtaatt aaatggataa 92940
aaagacacca aaacatccac actctcaaac actgctgcat acttctcatg taacccaaaag 93000
cccctattca ttgtcttctc tcctcttttt ttatttgitt aaaaagcctc agtaagggca 93060
atttaaaaaa aaattagcac tttggagaat aaattgttta tcaaataaaa gctgggttta 93120
tttatttttt tagaagtttt tttttcttta tttttttaa tttgtttaaa ttatacttta 93180
agttctaggg tacatgtgca taacgtgcag gtttgttaca tatgtataca tgtgccatgt 93240
tgggtgtgctg caccatttaa cttgtcattt acattaggta tatctcctaa tgctatccct 93300
cccccatccc cccacccac aataggcccc ggtgtgtgat gttccccttc ctgtgtccaa 93360
gtgttctcat tgttcagttc ccacctgtga gtgagaacat gaggtgtttg gttttttgtc 93420
cttgcgatag tttgctgagg atggtttcca gttcatcca tgtccctaca aaggacatga 93480
actcatcatt ttttatggct gcatagtatt ccattggtga tatgtgccac attttcttaa 93540
tccagtctat cattgttga catttgggtt ggttccaagt ctttgctatt gtgaatagtg 93600
ctgcaataaa catacttgtg catgtgtctg tatagcagca tgatttatat tcctttgggt 93660
atatacctag taatgggatg gctgggtcaa atgatatttc tagttctaga tccttgagga 93720
atcaccacac tgtcttcac aatggttga ctagtttaca gtcccacaa tagtgtaaaa 93780
gtgttctat ttctccacat cctctccagc acctgttgtt tcctgacttt ttaatgattg 93840
ccattctaac tgggtgtgaga tggatatca ttgtggtttt gatttgcatt tctctgatgg 93900
ccagtgatca tgagcatttt tcatgtgtc tattggctgc ataaatgtct tcttttgagg 93960
agtgtctgtt catatccttc acccattgt tgggtgggtt gtttttttct tgtaaatttg 94020
tttgagtctt ttgtagattc tggatactag ccctttgtca gatgagtaga ttgcaaaaat 94080
tttctcccat tctgtagggt gccagttcac tctaataata gtttcttttg ctgtgcagaa 94140
gctctttagt ttaattagat cccatttttg tcaatttttg cttttgttgc ctttgctttt 94200
gggtgttttag acatgaactc cttgaccatg cctatgtcct gaatggatt gcctagggtt 94260
tcttctaggg ttttatgggt tttagggtcta acatgtaagt ctttaatacca tcttgaatta 94320

atgtttgtat aaggtgtaag gaagggatcc agtttcagct ttctacatat ggctagccag 94380
ttttcccagc accatttggt aaatagggaa tccttttccc atttcttggt tttgtcaggt 94440
ttgtcaaaga tcagatagtt gtagatgtat ggtattatct ctgagggctc tgttctgttc 94500
cattggtcta tatctctgtt ttggtaccag taccatgctg ttttggttac tgtagccttg 94560
tagtatagtt tgaagtcagg tagcatgatg cctccagctt tgttctttta gcttaggatt 94620
gacttgccaa tgcaggctct tttttggttc catattaact ttaaagtagt tttttccaat 94680
tctatgaaga aagtcattgg tagcttgatg gggatggcat tgaatctata aattaccttg 94740
ggcagtatgg ccattttcac gatattgatt cttcctatcc atgagcatgg aatgttcttc 94800
catttgtttg tgcctcttt tatttcgttg agcagtggtt tgtagttctc cttgaagagg 94860
tccttcacat cccttgtaag ttggattcct aggtatttta ttctctttga agcaattgtg 94920
aatgggagtt cactcatgat ttggtctctc gtctgttatt gatgtataag aatgcttggtg 94980
atttttgcac attgattttg tatcctgaga ctttgctgaa gttgcttacc agcttaagga 95040
ggctttgggc tgagacaatg gggttttcta gatatacagt catgtcatct gcaaacaggg 95100
acagttttac ttctctttt cctaattgaa taccctttct ttctttcttc tgcttgattg 95160
ccctggccag aacttccaac actatgttga ataggagtgg tgagagaggg catcctgtct 95220
tgtgccaatt ttcaaagga atgcttcag tttttcccat tcagtatgat attggctatg 95280
ggtttgcat aaatagctct tattatgttt agatacctcc catcaatacc taatttattg 95340
agagttttta gcatgaatgg ctgttgaatt ttgtcaaagg ccttttctgc atctattgag 95400
ataataatgt ggtttttttc tttggttctg tttatatgct gtattacgtt tattgatttg 95460
tgtatgttga accagccttg catcccaggg gtgaagcca cttgatcatg gtggataagc 95520
tttttgatgt gctgctggat tcggtttgcc agtattttat tttattttat tttattttat 95580
tttattttat ttatttattt tttgagacgg agttgcgctg tttcgcccag gccggactgt 95640
agtggcgcta tctgggctca ctgcaagctg cgctcccgg gttcacgcca ttctcctgcc 95700
tcagcctctc gagtagctga gactacaggt cccaccacc acgcctggct agtttttgta 95760
tttttagtag agacagggtt tcaccatgtt agccaggatg gtcttgatct cttgaccttg 95820
tgatccgccc gcctcagcct cccaaagtgc tgcgattata ggcgtgagcc accgcgcca 95880
cggtttgcca gtattttatt gaggattttt gcattgatgt tcgtcagggg tattggtcta 95940
aaattctctt tttttgttgt gactctgcca ggctttggtg tcaggatgat gctggcctca 96000

taaaatgagt tagggaggat tccctctttt tctattgatt ggaatagttt cagaaggaat 96060
ggtagcagtt cctccttgta cctctggtag aattcggttg tgattctgtc tggctcctgga 96120
cttttttttg ttggttaagct attaatctca gagcccggtta ttggtctatt cagagattca 96180
acttcttcct ggtttagtct tgggagggtg tatgtgttga ggaatttatc catttcttct 96240
agattttcta gtttatttat gtaggggtgt ttacagtatt ctctgatggg agtttgtatt 96300
tctgtgatat cagtggtagt atccccctta tcatttttta ttgcgtctat ttgattcttc 96360
tctcttttct tctttattgg tcttgctagc agtcaatcaa ttttgttgat cttttcaaaa 96420
aaccagctcc tggattcatt gactttttga agggtttttt atgtctctat ctcttcagtt 96480
tctgctctga tcttagttat ttcttgctt ctgctagctt ttgaatgtgt ttgctcatgc 96540
ttctctagtt cttttaattg tgatgttagg gtgtcaattt tacaccttc ctgctttctc 96600
ttgtgggcat ttagtgctat taatttccct ctacctctg ctttaaagt gtcccagaga 96660
ttctggtagt ttgtgtctt gttctcattg gtttcaaaga acatctttat ttctgccttc 96720
atctcggtat gtgcccagta gtcgttcagg agcaggttgt tcagtttcca tgtagttgag 96780
cggttttgag tgagtttctt aatcctgagt tctagtttga ttgcactgtg gtctgagaca 96840
cagtttggtta taatttctgt tcttttacat ttgctgagga gtgctttact tccaactacg 96900
tgggtcaattt tggagtaagt gcagtggtgt gctgagaaga atgtatattc tgttgatttg 96960
gggtggagag ttctgtagat gtctattagg tccacttggg gcagagctga gttcaattcc 97020
tggatatcct tgttaacttc tgtctcgttg atctgtctaa tgctgatagt ggggtcttaa 97080
agtctcccat tattattgtg tgggagctct tttgtaggta tctaaggact tgctttatga 97140
atcttgggtc tctgtattg ggtgaatata tatatttagg atagttagtt cttcttggtg 97200
aattgatccg tttaccatta tgtaatggcc ttctttgtct cttttgatct ttgttggttt 97260
aaattctgtt ttatcagaga ctaggattgc aatccctgcc tttttttgtt ttccatttgc 97320
ttggtagatc ttctccatc cctttctttt gagcctatgt gtgtctctgc acgtgagatg 97380
ggtttcctga atacagcaca ctgatgggtc ttgactcttt atccagtttg ccagtctgtg 97440
tcttttaatt ggagcattta gccatttaa atttaagggt aatatagtta tgtgtggatt 97500
tgatcctgtc attatgatt tagctgggtta ttttgctcat tagttgatgc agtttcttcc 97560
tagccttgat ggtctttaca atttggtatg tttttgcagt gactgggtact ggctgttctc 97620
ttccacgttt agtgcttctc tcaggacctc ttttagggca ggcctgggtg taacaaaatc 97680
tctcagcatt tgcttgtctg taaagtattt tatttctcct tcgcttatga agcttagttt 97740

```
ggctggatgt gaaattctgg gttgaaaatt cttttcttta agaatgttga atattggccc 97800
cctctctctt ctggcttgta gagtttctgc cgagagatca gctgttagtc tgatgggctt 97860
ccctttgtgg gtaacctgac ctttctctct gcatgctctt aacatttttt ccttcatttc 97920
aactttggcg aatctgacaa ttatgtttct tggagttgct gttctcgagg agtatctttg 97980
tgggtgttctc tgtatttcct gaatttgaat gttggcctgc cttgctagat tggggaagtt 98040
ctcctggata atatcctgca gagtgttttc caacttggtt ccattaatcc tgtcactttc 98100
aggtacacca atcacacata gatttgggtct tttcacatag tcccatattt cttggaggct 98160
ttgcttgttt ctttttatte tttttctct aaactcctct tcttgtttca tttcattcat 98220
ttgatcttca atcaactgata ccctttcttc cacttgatcg aattggctac tgaagcttgt 98280
gctttcgtca catagtctct gtgccatggt tttcagctcc atcaggctcct ttaaggactt 98340
ctctgcatcg gttattctag ttagccattc atctattctt ttttctaggt ttttaacttc 98400
tttgccatgg gttogaactt ccgtcttttag ctcagagaag tttgatcatc tgtagccttc 98460
ttctctcaac tc 98472
```